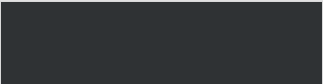
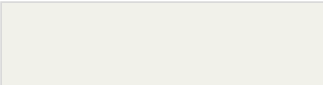
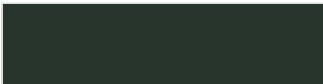


## TECHNICAL GUIDE • QUICK REFERENCE

# RAL Colour Chart for Metalwork

RAL Classic is a set of 216 numbered colours widely used to specify powder coating and paint on metalwork. Popular choices include RAL 7016 Anthracite grey, RAL 9005 Jet black and RAL 9016 Traffic white. Screen colours are approximate: check against a physical RAL fan deck or coated sample, and specify the gloss level with the code.

## Popular metalwork colours

|                                                                                                                                    |                                                                                                                                  |                                                                                                                                       |                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>RAL 7016</b><br>Anthracite grey<br>#383E42 | <br><b>RAL 9005</b><br>Jet black<br>#0E0E10     | <br><b>RAL 9004</b><br>Signal black<br>#2B2B2C      | <br><b>RAL 7021</b><br>Black grey<br>#2F2324       |
| <br><b>RAL 7035</b><br>Light grey<br>#C5C7C4      | <br><b>RAL 9010</b><br>Pure white<br>#F1EDE1    | <br><b>RAL 9016</b><br>Traffic white<br>#F1F1EA     | <br><b>RAL 6005</b><br>Moss green<br>#114232       |
| <br><b>RAL 3000</b><br>Flame red<br>#A72920      | <br><b>RAL 5010</b><br>Gentian blue<br>#004F7C | <br><b>RAL 7015</b><br>Slate grey<br>#4F5358       | <br><b>RAL 7022</b><br>Umbra grey<br>#4C4A44      |
| <br><b>RAL 7024</b><br>Graphite grey<br>#45494E | <br><b>RAL 7039</b><br>Quartz grey<br>#6B665E | <br><b>RAL 9006</b><br>White aluminium<br>#A1A1A0 | <br><b>RAL 9007</b><br>Grey aluminium<br>#868581 |
| <br><b>RAL 8019</b><br>Grey brown<br>#3D3635    | <br><b>RAL 6009</b><br>Fir green<br>#27352A   | <br><b>RAL 7012</b><br>Basalt grey<br>#575D5E     | <br><b>RAL 1013</b><br>Oyster white<br>#E3D9C7   |

Swatches are approximate and vary by printer and screen. Check against a physical RAL fan deck or a coated sample before approving a colour. RAL is a registered trademark of RAL GmbH; Koyda Ltd is not affiliated with RAL.

## Gloss levels and finishes

| FINISH                           | GLOSS (60°) | NOTES                                                   |
|----------------------------------|-------------|---------------------------------------------------------|
| <b>Matt</b>                      | 0–30 GU     | Low reflection; hides minor marks and fingerprints well |
| <b>Satin (semi-gloss)</b>        | 31–70 GU    | A common middle ground for architectural metalwork      |
| <b>Gloss</b>                     | 71–100 GU   | Easy to clean; shows surface imperfections more         |
| <b>Textured (fine or coarse)</b> | Usually low | Hides minor surface marks; harder to touch up invisibly |

Gloss bands from the QUALICOAT specification (ISO 2813, 60°).

## Pantone and RAL

Pantone and RAL are separate colour systems owned by different organisations. There is no official conversion between them, and online conversions are only approximations. For coated metalwork, specify a RAL code (or the coating maker's own reference) and approve a physical sample.

## How to specify a colour

- Give the RAL code and name, for example RAL 7016 Anthracite grey.
- State the gloss level (matt, satin or gloss) and any texture.
- Say whether the steel is galvanised first (duplex) and which coating standard applies. See galvanising, powder coating and duplex.
- Approve a coated sample on the actual material before production.

## Common questions

### What is the most popular RAL colour for metalwork?

RAL 7016 Anthracite grey and RAL 9005 Jet black are two of the most widely specified colours for railings, balustrades, gates and window frames in the UK. Always confirm the colour against a physical RAL sample.

### Are the colours on this page accurate?

No screen shows RAL colours exactly. The swatches are approximate sRGB values from an open dataset and vary with your screen and settings. Check against a physical RAL fan deck or a coated sample before approving a colour.

### What is the difference between RAL and Pantone?

They are separate colour systems from different organisations. RAL Classic is widely used for coatings, paint and powder in construction. Pantone is mostly used for print, graphics and products. There is no official one-to-one conversion between them, so match a physical sample rather than a converted value.

## Sources

1. RAL gGmbH: RAL K7 CLASSIC colour fan, 216 colours · <https://www.ral-farben.de/en/ral-k7-colour-fan>
2. RAL Classic colour data, ral-color-converter by Johannes Voigt (MIT licence, © 2024 brohannes) · <https://github.com/JohannesVoigt/ral-color-converter>
3. QUALICOAT Specifications, 26th edition, Vol. 1: gloss categories (ISO 2813, 60°) · <https://vereniging-qualion.nl/system/files/attachments/Edition%2026%20-%20Vol.%201%20-%20Specifications%20for%20Coaters.pdf>

Full searchable chart of all 216 RAL Classic colours:  
[www.koyda.com/guides/ral-colour-chart/](http://www.koyda.com/guides/ral-colour-chart/)

## Need metalwork made and finished in your colour? Send us your drawings.

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