Converting Colors

RYB(25, 41, 211)

Have a look what the booklet for RYB(25, 41, 211) contains.

Color

RYB(25, 41, 211)

Conversions

Conversions Part 1

Format	Color
Hex	192BD3
RGB	25, 43, 211
RGB Percent	10%, 17%, 83%
CMY	0.9020, 0.8333, 0.1725
CMYK	0.88, 0.80, 0.00, 0.17
HSL	234°, 79%, 46%
HSV	234°, 88%, 83%
XYZ	13.0048, 6.6019, 62.2169
YIQ	56.7700, -64.6560, 48.4320

Conversions

Conversions Part 2

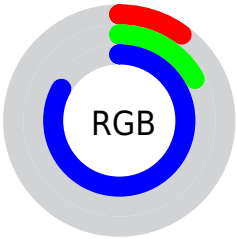
Format	Color
RYB	25, 41, 211
Decimal	1649619
CIELab	30.88, 55.57, -85.13
CIELCh	31, 101.661, 303.133
Yxy	6.6019, 0.1589, 0.0807
Android (android.graphics.Color)	4279839699 (0xFF192BD3)
YUV	56.7700, 76.0354, -27.8623
Hunter-Lab	25.6941, 45.3812, -125.5817

Details

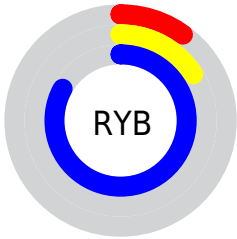
The RYB color 25, 41, 211 is a dark color, and the websafe version is hex 0033CC. The color can be described as dark washed blue. A complement of this color would be 45, 211, 25, and the grayscale version is 56, 56, 56.

A 20% lighter version of the original color is 111, 92, 255, and 0, 0, 155 is the 20% darker color. If you saturate the color by 10%, you get 4, 21, 211, and if you desaturate by 10%, it is 46, 61, 211.

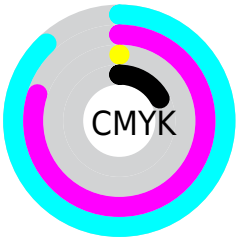
Distribution



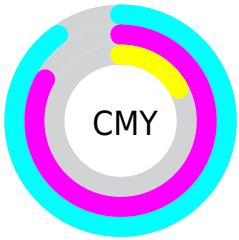
- Red (10%)
- Green (17%)
- Blue (83%)



- Red (10%)
- Yellow (16%)
- Blue (83%)



- Cyan (88%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (90%)
- Magenta (83%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 25, 41, 211 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 25, 41, 211 by changing the saturation by 10% instead.

25, 41, 211

255, 255, 255

112, 91, 255

144, 117, 255

176, 143, 255

207, 170, 255

239, 198, 255

255, 226, 255

25, 41, 211

0, 16, 183

0, 0, 155

0, 0, 128

0, 4, 102

0, 8, 76

0, 5, 53

0, 2, 31

0, 0, 1

0, 0, 0

25, 41, 211

4, 21, 211

0, 18, 211

25, 41, 211

46, 61, 211

67, 80, 211

88, 99, 211

109, 118, 211

131, 137, 211

152, 157, 211

173, 176, 211

194, 195, 211

211, 215, 211

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

0, 63, 239

25, 41, 211

165, 0, 147

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

25, 41, 211

143, 35, 0

0, 53, 97

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

25, 41, 211

45, 211, 25

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

0, 95, 95

25, 41, 211

10, 83, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

25, 41, 211

185, 0, 0

0, 89, 89

0, 62, 160

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

25, 41, 211

192, 0, 95

0, 89, 89

0, 63, 96

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

25, 41, 211

189, 195, 255

25, 123, 211

88, 92, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

25, 41, 211

0, 22, 255

99, 25, 211

94, 95, 105

0, 15, 168

0, 4, 41

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

211, 25, 43

255, 0, 24

25, 211, 99

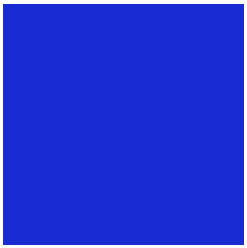
105, 94, 95

168, 0, 16

41, 0, 4

Previews

White Background

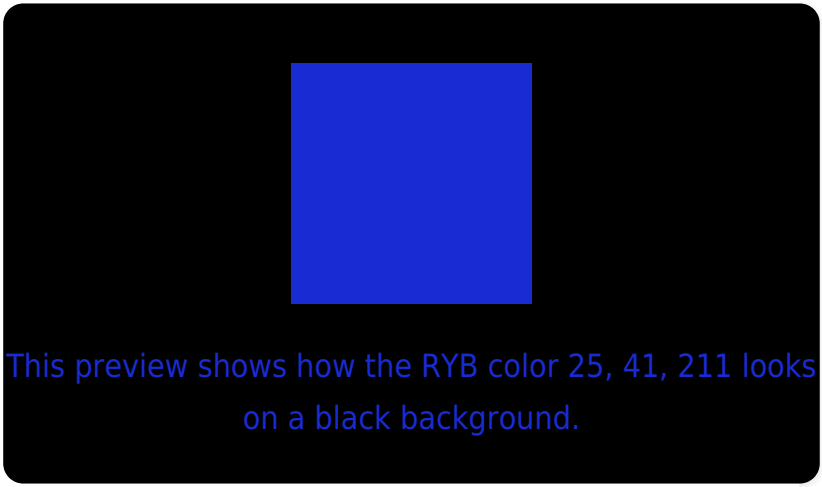


This preview shows how the RYB color 25, 41, 211 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

Black Background

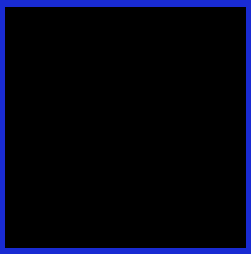


Color Contrast Check

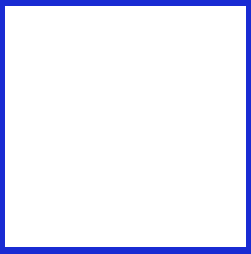
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 25, 41, 211 Background



This preview shows how black text looks on a background with the RYB color 25, 41, 211.



This preview shows how white text looks on a background with the RYB color 25, 41, 211.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

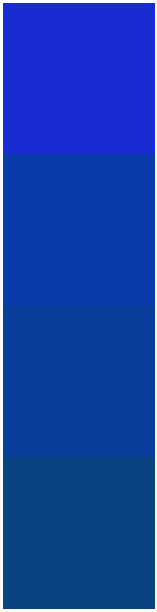
Original Color
25, 41, 211

Protanopia
0, 47, 147

Deuteranopia
0, 47, 125

Tritanopia
0, 41, 84

Trichromacy



Original Color
25, 41, 211

Protanomaly
9, 48, 170

Deuteranomaly
9, 48, 156

Tritanomaly
9, 48, 130

Monochromacy

Original Color
25, 41, 211

Achromatopsia
56, 56, 56

Achromatomaly
45, 51, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 25, 41, 211 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(25, 43, 211) looks like.

```
.text, #text, p{
    color:rgb(25, 43, 211)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(25, 43, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 43, 211) }
```

Border

The CSS property to change the border of an element to RYB 25, 41, 211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(25, 43, 211) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(25, 43, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(25, 43, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(25, 43, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(25, 43, 211); box-shadow:4px 4px 4px 4px rgb(25, 43, 211) }
```

Background

The CSS property to change the background color of an element to RYB 25, 41, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(25, 43, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(25, 43,
211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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