Converting Colors

RGB(30, 63, 205)

Have a look what the booklet for RGB(30, 63, 205) contains.

Color

RGB(30, 63, 205)

Conversions

Conversions Part 1

Format	Color
Hex	1E3FCD
RGB	30, 63, 205
RGB Percent	12%, 25%, 80%
CMY	0.8824, 0.7529, 0.1961
CMYK	0.85, 0.69, 0.00, 0.20
HSL	229°, 74%, 46%
HSV	229°, 85%, 80%
XYZ	13.3324, 8.2388, 58.6452
YIQ	69.3210, -65.2500, 37.1660

Conversions

Conversions Part 2

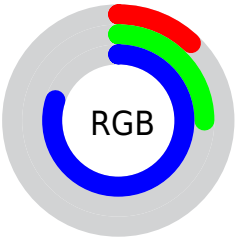
Format	Color
RYB	30, 58, 205
Decimal	1982413
CIELab	34.48, 42.23, -75.70
CIELCh	34, 86.679, 299.154
Yxy	8.2388, 0.1662, 0.1027
Android (android.graphics.Color)	4280172493 (0xFF1E3FCD)
YUV	69.3210, 66.8897, -34.4845
Hunter-Lab	28.7033, 32.6804, -101.0459

Details

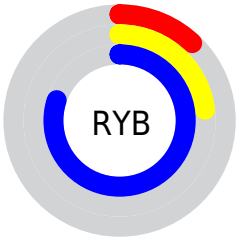
The RGB color 30, 63, 205 is a dark color, and the websafe version is hex 0033CC. The color can be described as dark washed blue. A complement of this color would be 205, 172, 30, and the grayscale version is 69, 69, 69.

A 20% lighter version of the original color is 110, 111, 255, and 0, 21, 149 is the 20% darker color. If you saturate the color by 10%, you get 10, 46, 205, and if you desaturate by 10%, it is 51, 80, 205.

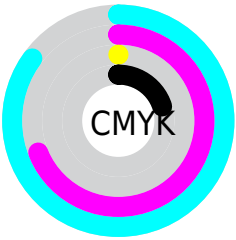
Distribution



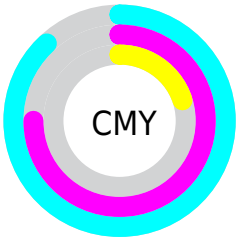
- Red (12%)
- Green (25%)
- Blue (80%)



- Red (12%)
- Yellow (23%)
- Blue (80%)



- Cyan (85%)
- Magenta (69%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (75%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 30, 63, 205 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 RGB color 30, 63, 205 by changing the saturation by 10% instead.

30, 63, 205

255, 255, 255

110, 111, 255

142, 136, 255

173, 163, 255

203, 190, 255

234, 218, 255

255, 246, 255

30, 63, 205

0, 41, 177

0, 21, 149

0, 2, 123

0, 1, 97

0, 8, 72

0, 4, 48

0, 1, 27

0, 0, 0

30, 63, 205

30, 63, 205

10, 46, 205

0, 39, 205

51, 80, 205

71, 96, 205

92, 113, 205

112, 130, 205

133, 146, 205

153, 163, 205

174, 179, 205

194, 196, 205

215, 213, 205

Harmonies

Analogous

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

0, 93, 223

30, 63, 205

156, 0, 153

Triad

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

30, 63, 205

153, 41, 0

0, 105, 77

Complementary

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

30, 63, 205

205, 172, 30

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, 102, 0

30, 63, 205

102, 79, 0

Square

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

30, 63, 205

186, 0, 20

18, 95, 0

0, 107, 148

Rectangle

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

30, 63, 205

184, 0, 109

18, 95, 0

0, 104, 53

Sweetspot

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

30, 63, 205

189, 201, 255

30, 205, 170

88, 95, 128

0, 0, 0

128, 128, 128

Same Dimension

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

30, 63, 205

0, 48, 255

82, 30, 205

92, 94, 102

0, 31, 166

0, 7, 38

Inverse Universe

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

205, 30, 63

255, 0, 48

153, 205, 30

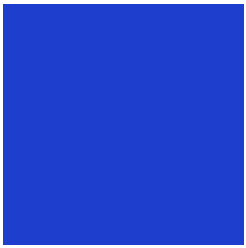
102, 92, 94

166, 0, 31

38, 0, 7

Previews

White Background



This preview shows how the RGB color 30, 63, 205 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

This preview shows how the RGB color 30, 63, 205 looks on a 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.

RGB 30, 63, 205 Background

This preview shows how black text looks on a background with the RGB color 30, 63, 205.

This preview shows how white text looks on a background with the RGB color 30, 63, 205.

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
30, 63, 205

Protanopia
0, 78, 164

Deuteranopia
0, 83, 140

Tritanopia
0, 90, 95

Trichromacy

Original Color
30, 63, 205

Protanomaly
11, 73, 179

Deuteranomaly
11, 76, 164

Tritanomaly
11, 80, 135

Monochromacy

Original Color
30, 63, 205

Achromatopsia
69, 69, 69

Achromatomaly
55, 67, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 30, 63, 205 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(30, 63, 205) looks like.

```
.text, #text, p{
    color:rgb(30, 63, 205)
}
```

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(30, 63, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 63, 205) }
```

Border

The CSS property to change the border of an element to RGB 30, 63, 205 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(30, 63, 205) }
```

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

```
.border{ border-color:rgb(30, 63, 205) }
```

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

Here you see how a box with a 4 pixel rgb(30, 63, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(30, 63, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(30, 63, 205); box-shadow:4px 4px 4px 4px rgb(30, 63, 205) }
```

Background

The CSS property to change the background color of an element to RGB 30, 63, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(30, 63, 205) }
```

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

```
.background{ background-color:rgb(30, 63, 205) }
```

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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