Converting Colors

RGB(15, 15, 218)

Have a look what the booklet for RGB(15, 15, 218) contains.

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Color

RGB(15, 15, 218)

Conversions

Conversions Part 1

Format	Color
Hex	0F0FDA
RGB	15, 15, 218
RGB Percent	6%, 6%, 85%
CMY	0.9412, 0.9412, 0.1451
CMYK	0.93, 0.93, 0.00, 0.15
HSL	240°, 87%, 46%
HSV	240°, 93%, 85%
XYZ	13.0227, 5.5052, 66.7059
YIQ	38.1420, -65.1630, 63.1330

Conversions

Conversions Part 2

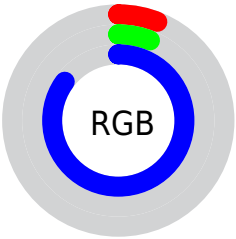
Format	Color
RYB	15, 15, 218
Decimal	987098
CIELab	28.13, 67.56, -93.78
CIELCh	28, 115.580, 305.769
Yxy	5.5052, 0.1528, 0.0646
Android (android.graphics.Color)	4279177178 (0xFF0F0FDA)
YUV	38.1420, 88.6700, -20.2955
Hunter-Lab	23.4631, 58.0125, -152.1382

Details

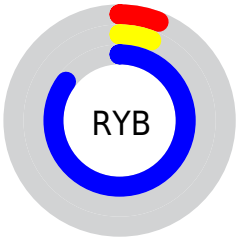
The RGB color 15, 15, 218 is a dark color, and the websafe version is hex 0000CC. The color can be described as dark washed blue. A complement of this color would be 218, 218, 15, and the grayscale version is 37, 37, 37.

A 20% lighter version of the original color is 113, 72, 255, and 0, 0, 161 is the 20% darker color. If you saturate the color by 10%, you get 0, 0, 218, and if you desaturate by 10%, it is 37, 37, 218.

Distribution

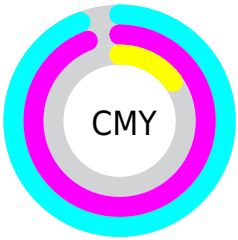


- Red (6%)
- Green (6%)
- Blue (85%)



- Red (6%)
- Yellow (6%)
- Blue (85%)

- Cyan (93%)
- Magenta (93%)
- Yellow (0%)
- Black (15%)



- Cyan (94%)
- Magenta (94%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 15, 15, 218 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 15, 15, 218 by changing the saturation by 10% instead.

15, 15, 218

255, 255, 255

113, 72, 255

146, 99, 255

179, 125, 255

211, 152, 255

243, 180, 255

255, 209, 255

255, 238, 255

15, 15, 218

0, 0, 189

0, 0, 161

0, 0, 134

0, 6, 107

0, 11, 82

0, 5, 58

0, 2, 35

0, 0, 11

0, 0, 0

15, 15, 218

0, 0, 218

15, 15, 218

37, 37, 218

59, 59, 218

80, 80, 218

102, 102, 218

124, 124, 218

146, 146, 218

168, 168, 218

189, 189, 218

211, 211, 218

Harmonies

Analogous

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

0, 81, 255

15, 15, 218

174, 0, 142

Triad

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

15, 15, 218

136, 14, 0

0, 91, 83

Complementary

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

15, 15, 218

218, 218, 15

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, 89, 0

15, 15, 218

67, 70, 0

Square

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

15, 15, 218

184, 0, 0

0, 84, 0

0, 95, 173

Rectangle

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

15, 15, 218

200, 0, 84

0, 84, 0

0, 91, 51

Sweetspot

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

15, 15, 218

184, 184, 255

15, 218, 218

84, 84, 128

0, 0, 0

128, 128, 128

Same Dimension

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

15, 15, 218

0, 0, 255

117, 15, 218

99, 99, 110

0, 0, 173

0, 0, 46

Inverse Universe

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

218, 15, 218

255, 0, 255

117, 218, 15

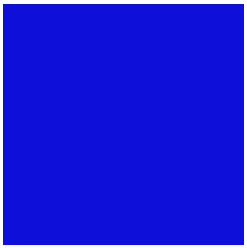
110, 99, 110

173, 0, 173

46, 0, 46

Previews

White Background

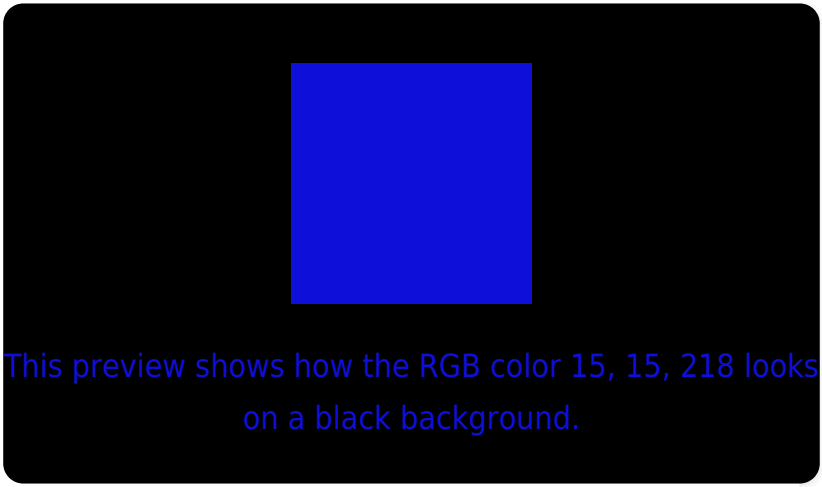


This preview shows how the RGB color 15, 15, 218 looks on a white background.

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.

RGB 15, 15, 218 Background

This preview shows how black text looks on a background with the RGB color 15, 15, 218.

This preview shows how white text looks on a background with the RGB color 15, 15, 218.

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
15, 15, 218

Protanopia
0, 65, 136

Deuteranopia
0, 69, 115

Tritanopia
0, 74, 78

Trichromacy

Original Color
15, 15, 218

Protanomaly
5, 47, 166

Deuteranomaly
5, 49, 152

Tritanomaly
5, 53, 129

Monochromacy

Original Color
15, 15, 218

Achromatopsia
38, 38, 38

Achromatomaly
30, 30, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 15, 15, 218 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(15, 15, 218) looks like.

```
.text, #text, p{
    color:rgb(15, 15, 218)
}
```

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(15, 15, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 15, 218) }
```

Border

The CSS property to change the border of an element to RGB 15, 15, 218 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(15, 15, 218) }
```

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

```
.border{ border-color:rgb(15, 15, 218) }
```

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

Here you see how a box with a 4 pixel rgb(15, 15, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 15, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 15, 218); box-shadow:4px 4px 4px 4px rgb(15, 15, 218) }
```

Background

The CSS property to change the background color of an element to RGB 15, 15, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(15, 15, 218) }
```

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

```
.background{ background-color:rgb(15, 15, 218) }
```

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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