

Converting Colors

RGB(75, 75, 215)

Have a look what the booklet for
RGB(75, 75, 215) contains.

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Color

RGB(75, 75, 215)

Conversions

Conversions Part 1

Format	Color
Hex	4B4BD7
RGB	75, 75, 215
RGB Percent	29%, 29%, 84%
CMY	0.7059, 0.7059, 0.1569
CMYK	0.65, 0.65, 0.00, 0.16
HSL	240°, 64%, 57%
HSV	240°, 65%, 84%
XYZ	17.6835, 11.4343, 65.5650
YIQ	90.9600, -44.9400, 43.5400

Conversions

Conversions Part 2

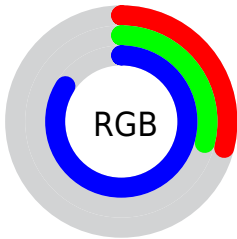
Format	Color
RYB	75, 75, 215
Decimal	4934615
CIELab	40.30, 42.76, -71.82
CIElCh	40, 83.579, 300.768
Yxy	11.4343, 0.1868, 0.1208
Android (android.graphics.Color)	4283124695 (0xFF4B4BD7)
YUV	90.9600, 61.1517, -13.9969
Hunter-Lab	33.8147, 34.1714, -91.2902

Details

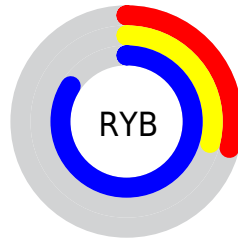
The RGB color **75, 75, 215** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **215, 215, 75**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **139, 124, 255**, and **0, 30, 159** is the 20% darker color. If you saturate the color by 10%, you get **53, 53, 215**, and if you desaturate by 10%, it is **96, 96, 215**.

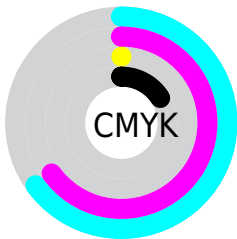
Distribution



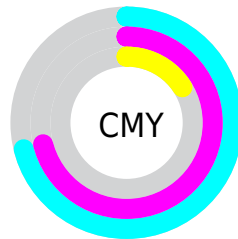
- Red (29%)
- Green (29%)
- Blue (84%)



- Red (29%)
- Yellow (29%)
- Blue (84%)



- Cyan (65%)
- Magenta (65%)
- Yellow (0%)
- Black (16%)




















- Cyan (71%)
- Magenta (71%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 75, 215 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 75, 75, 215 by changing the saturation by 10% instead.

 75, 75, 215	 75, 75, 215
 255, 255, 255	 34, 52, 187
 139, 124, 255	 0, 30, 159
 169, 151, 255	 0, 10, 132
 199, 177, 255	 0, 0, 106
 230, 205, 255	 0, 10, 81
 255, 233, 255	 0, 5, 57
	 0, 2, 34
	 0, 0, 8
	 0, 0, 0


 75, 75, 215


 75, 75, 215


 53, 53, 215


 96, 96, 215


 32, 32, 215


 118, 118, 215

 11, 11, 215

 140, 140, 215

 0, 0, 215

 161, 161, 215

 183, 183, 215

 204, 204, 215

 226, 226, 215

 247, 247, 215

 255, 255, 215

Harmonies

Analogous

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



0, 105, 235



75, 75, 215



174, 0, 163

Triad

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



75, 75, 215



167, 61, 0



0, 121, 95

Complementary

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



75, 75, 215



215, 215, 75

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, 117, 14



75, 75, 215



115, 93, 0

Square

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



75, 75, 215



200, 0, 30



40, 110, 0



0, 122, 164

Rectangle

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



75, 75, 215



200, 0, 119



40, 110, 0



0, 120, 71

Sweetspot

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



75, 75, 215



204, 204, 255



75, 215, 215



97, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



75, 75, 215



56, 56, 255



145, 75, 215



96, 96, 107



0, 0, 171



0, 0, 43

Inverse Universe

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



215, 75, 215



255, 56, 255



145, 215, 75



107, 96, 107



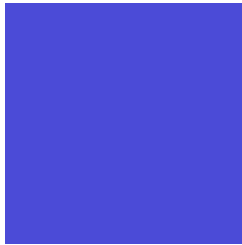
171, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RGB color 75, 75, 215 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 × Fail

Black Background



This preview shows how the RGB color 75, 75, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

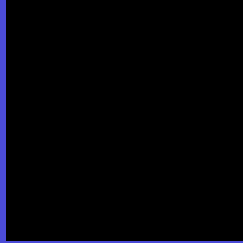
Any Text WCAG AA × Fail

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 75, 75, 215 Background



This preview shows how black text looks on a background with the RGB color 75, 75, 215.

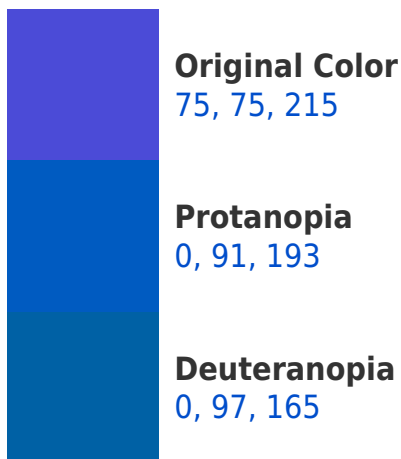


This preview shows how white text looks on a background with the RGB color 75, 75, 215.

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





Tritanopia
0, 105, 113

Trichromacy



Original Color
75, 75, 215

Protanomaly
27, 85, 201

Deuteranomaly
27, 89, 183

Tritanomaly
27, 94, 150

Monochromacy



Original Color
75, 75, 215

Achromatopsia
91, 91, 91

Achromatomaly
85, 85, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 75, 215 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(75, 75, 215)` looks like.

```
.text, #text, p{  
    color:rgb(75, 75, 215)  
}
```

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(75, 75, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 75, 215) }
```

Border

The CSS property to change the border of an element to RGB 75, 75, 215 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(75, 75, 215) }
```

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

```
.border{ border-color:rgb(75, 75, 215) }
```

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

Here you see how a box with a 4 pixel rgb(75, 75, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 75, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 75, 215);  
box-shadow:4px 4px 4px 4px rgb(75, 75,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 75, 75, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 75, 215) }
```

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

```
.background{ background-color: rgb(75, 75,  
215) }
```

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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