Converting Colors

RGB(75, 46, 230)

Have a look what the booklet for RGB(75, 46, 230) contains.

Color

RGB(75, 46, 230)

Conversions

Conversions Part 1

Format	Color
Hex	4B2EE6
RGB	75, 46, 230
RGB Percent	29%, 18%, 90%
CMY	0.7059, 0.8196, 0.0980
CMYK	0.67, 0.80, 0.00, 0.10
HSL	249°, 79%, 54%
HSV	249°, 80%, 90%
XYZ	18.1616, 9.1630, 75.6743
YIQ	75.6470, -41.7800, 63.3720

Conversions

Conversions Part 2

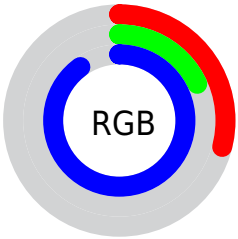
Format	Color
RYB	75, 46, 230
Decimal	4927206
CIELab	36.30, 62.57, -86.99
CIELCh	36, 107.159, 305.728
Yxy	9.1630, 0.1763, 0.0890
Android (android.graphics.Color)	4283117286 (0xFF4B2EE6)
YUV	75.6470, 76.0960, -0.5674
Hunter-Lab	30.2705, 54.1225, -127.0320

Details

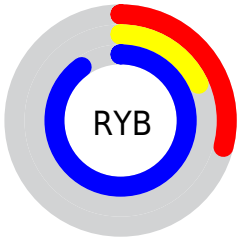
The RGB color 75, 46, 230 is a dark color, and the websafe version is hex 6633FF. The color can be described as dark washed blue. A complement of this color would be 201, 230, 46, and the grayscale version is 75, 75, 75.

A 20% lighter version of the original color is 143, 98, 255, and 0, 0, 173 is the 20% darker color. If you saturate the color by 10%, you get 56, 23, 230, and if you desaturate by 10%, it is 94, 69, 230.

Distribution

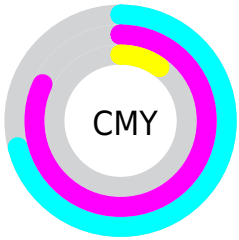


- Red (29%)
- Green (18%)
- Blue (90%)



- Red (29%)
- Yellow (18%)
- Blue (90%)

- Cyan (67%)
- Magenta (80%)
- Yellow (0%)
- Black (10%)



- Cyan (71%)
- Magenta (82%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 46, 230 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, 46, 230 by changing the saturation by 10% instead.

75, 46, 230	75, 46, 230
255, 255, 255	25, 18, 201
143, 98, 255	0, 0, 173
175, 124, 255	0, 0, 145
206, 151, 255	0, 0, 119
238, 179, 255	0, 11, 93
255, 207, 255	0, 7, 68
255, 236, 255	0, 3, 45
	0, 1, 23
	0, 0, 0

75, 46, 230

56, 23, 230

36, 0, 230

75, 46, 230

94, 69, 230

114, 92, 230

133, 115, 230

153, 138, 230

172, 161, 230

191, 184, 230

211, 207, 230

230, 230, 230

249, 253, 230

Harmonies

Analogous

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

0, 96, 255

75, 46, 230

192, 0, 158

Triad

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

75, 46, 230

158, 46, 0

0, 113, 101

Complementary

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

75, 46, 230

201, 230, 46

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, 110, 0

75, 46, 230

90, 89, 0

Square

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

75, 46, 230

205, 0, 0

0, 105, 0

0, 115, 187

Rectangle

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

75, 46, 230

218, 0, 102

0, 105, 0

0, 112, 70

Sweetspot

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

75, 46, 230

203, 194, 255

46, 202, 230

96, 91, 128

0, 0, 0

128, 128, 128

Same Dimension

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

75, 46, 230

49, 10, 255

166, 46, 230

105, 103, 115

28, 0, 179

8, 0, 51

Inverse Universe

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

230, 46, 201

255, 10, 216

110, 230, 46

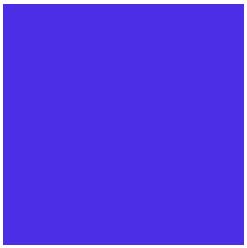
115, 103, 113

179, 0, 150

51, 0, 43

Previews

White Background

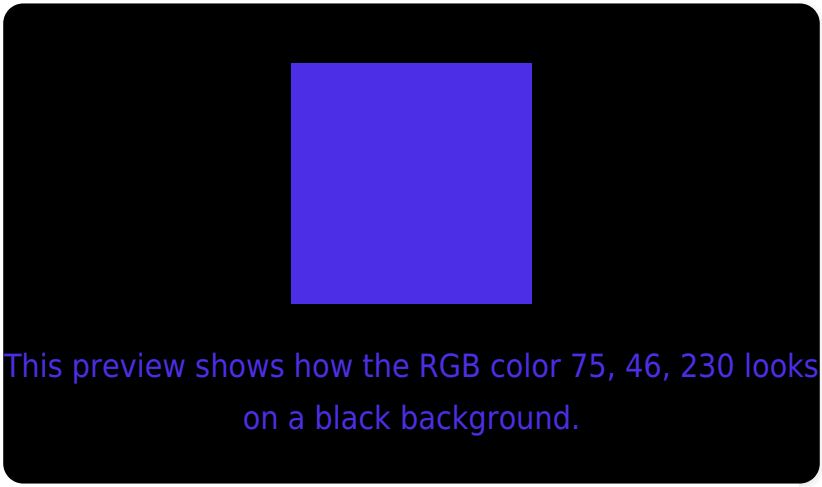


This preview shows how the RGB color 75, 46, 230 looks on a white background.

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

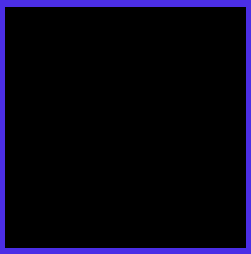


Color Contrast Check

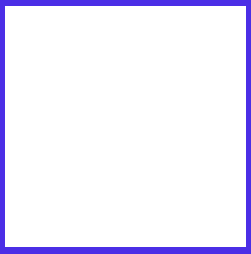
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 75, 46, 230 Background



This preview shows how black text looks on a background with the RGB color 75, 46, 230.



This preview shows how white text looks on a background with the RGB color 75, 46, 230.

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

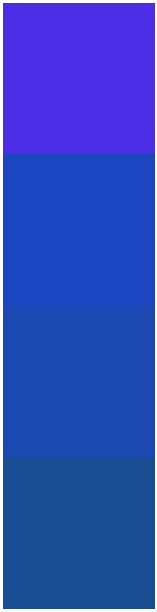
Original Color
75, 46, 230

Protanopia
0, 82, 172

Deuteranopia
0, 87, 147

Tritanopia
0, 94, 101

Trichromacy



Original Color
75, 46, 230

Protanomaly
27, 69, 193

Deuteranomaly
27, 72, 177

Tritanomaly
27, 77, 148

Monochromacy

Original Color
75, 46, 230

Achromatopsia
76, 76, 76

Achromatomaly
76, 65, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 46, 230 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, 46, 230) looks like.

```
.text, #text, p{
    color:rgb(75, 46, 230)
}
```

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, 46, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 46, 230) }
```

Border

The CSS property to change the border of an element to RGB 75, 46, 230 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, 46, 230) }
```

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

```
.border{ border-color:rgb(75, 46, 230) }
```

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

Here you see how a box with a 4 pixel rgb(75, 46, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(75, 46, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(75, 46, 230); box-shadow:4px 4px 4px 4px rgb(75, 46, 230) }
```

Background

The CSS property to change the background color of an element to RGB 75, 46, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(75, 46, 230) }
```

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

```
.background{ background-color:rgb(75, 46,
230) }
```

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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