

Converting Colors

RGB(52, 46, 209)

Have a look what the booklet for
RGB(52, 46, 209) contains.

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Color

RGB(52, 46, 209)

Conversions

Conversions Part 1

Format	Color
Hex	342ED1
RGB	52, 46, 209
RGB Percent	20%, 18%, 82%
CMY	0.7961, 0.8196, 0.1804
CMYK	0.75, 0.78, 0.00, 0.18
HSL	242°, 64%, 50%
HSV	242°, 78%, 82%
XYZ	13.9018, 7.2875, 60.9955
YIQ	66.3760, -48.7470, 51.9650

Conversions

Conversions Part 2

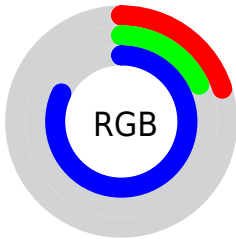
Format	Color
RYB	52, 46, 209
Decimal	3419857
CIELab	32.45, 54.59, -81.33
CIELCh	32, 97.954, 303.871
Yxy	7.2875, 0.1692, 0.0887
Android (android.graphics.Color)	4281609937 (0xFF342ED1)
YUV	66.3760, 70.3136, -12.6078
Hunter-Lab	26.9954, 44.6801, -115.0678

Details

The RGB color **52, 46, 209** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **203, 209, 46**, and the grayscale version is **66, 66, 66**.

A 20% lighter version of the original color is **123, 95, 255**, and **0, 0, 153** is the 20% darker color. If you saturate the color by 10%, you get **32, 25, 209**, and if you desaturate by 10%, it is **72, 67, 209**.

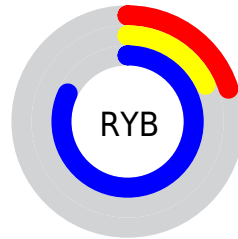
Distribution



Red (20%)

Green (18%)

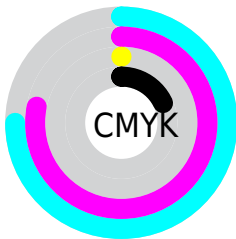
Blue (82%)



Red (20%)

Yellow (18%)

Blue (82%)

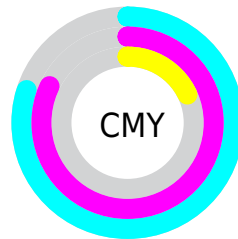


Cyan (75%)

Magenta (78%)

Yellow (0%)

Black (18%)



Cyan (80%)

Magenta (82%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 52, 46, 209 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 52, 46, 209 by changing the saturation by 10% instead.



52, 46, 209



52, 46, 209

255, 255, 255



0, 21, 181



123, 95, 255



0, 0, 153



155, 121, 255



0, 0, 126



186, 147, 255



0, 0, 100



217, 175, 255



0, 9, 75



248, 202, 255



0, 4, 51



255, 231, 255



0, 2, 29



0, 0, 0



52, 46, 209



52, 46, 209

■ 32, 25, 209

■ 72, 67, 209

■ 12, 4, 209

■ 92, 88, 209

■ 8, 0, 209

■ 112, 109, 209

■ 133, 130, 209

■ 153, 151, 209

■ 173, 171, 209

■ 193, 192, 209

■ 213, 213, 209

■ 233, 234, 209

Harmonies

Analogous

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



0, 88, 237



52, 46, 209



169, 0, 146

Triad

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



52, 46, 209



145, 37, 0



0, 101, 85

Complementary

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



52, 46, 209



203, 209, 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, 99, 0



52, 46, 209



85, 78, 0

Square

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



52, 46, 209



186, 0, 0



0, 93, 0



0, 103, 163

Rectangle

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



52, 46, 209



194, 0, 96



0, 93, 0



0, 100, 58

Sweetspot

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



52, 46, 209



199, 196, 255



46, 204, 209



93, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



52, 46, 209



24, 15, 255



133, 46, 209



94, 94, 105



6, 0, 168



2, 0, 41

Inverse Universe

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



209, 46, 203



255, 15, 246



122, 209, 46



105, 94, 104



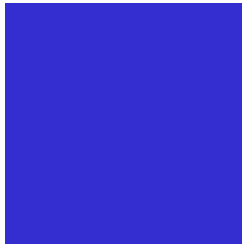
168, 0, 162



41, 0, 39

Previews

White Background



This preview shows how the RGB color 52, 46, 209 looks on a white background.

Color Contrast Check

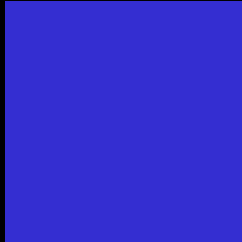
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 46, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

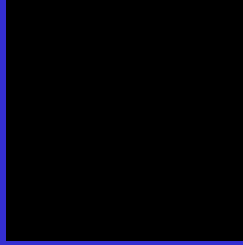
Any Text WCAG AA × Fail

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 52, 46, 209 Background



This preview shows how black text looks on a background with the RGB color 52, 46, 209.

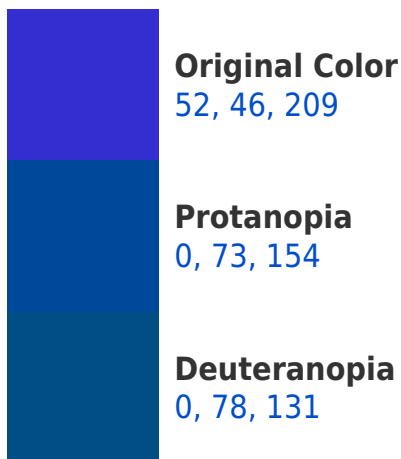



This preview shows how white text looks on a background with the RGB color 52, 46, 209.

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, 84, 89

Trichromacy



Original Color

52, 46, 209

Protanomaly

19, 63, 174

Deuteranomaly

19, 66, 159

Tritanomaly

19, 70, 133

Monochromacy



Original Color

52, 46, 209

Achromatopsia

66, 66, 66

Achromatomaly

61, 59, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 52, 46, 209 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(52, 46, 209)` looks like.

```
.text, #text, p{  
    color:rgb(52, 46, 209)  
}
```

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(52, 46, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 46, 209) }
```

Border

The CSS property to change the border of an element to RGB 52, 46, 209 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(52, 46, 209) }
```

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

```
.border{ border-color:rgb(52, 46, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 46, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 46, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 46, 209);  
box-shadow:4px 4px 4px 4px rgb(52, 46,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 52, 46, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 46, 209) }
```

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

```
.background{ background-color: rgb(52, 46,  
209) }
```

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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