

Converting Colors

RGB(49, 81, 194)

Have a look what the booklet for
RGB(49, 81, 194) contains.

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Color

RGB(49, 81, 194)

Conversions

Conversions Part 1

Format	Color
Hex	3151C2
RGB	49, 81, 194
RGB Percent	19%, 32%, 76%
CMY	0.8078, 0.6824, 0.2392
CMYK	0.75, 0.58, 0.00, 0.24
HSL	227°, 60%, 48%
HSV	227°, 75%, 76%
XYZ	13.9467, 10.4329, 52.3176
YIQ	84.3140, -55.3450, 28.3590

Conversions

Conversions Part 2

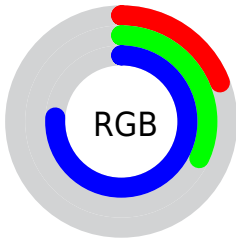
Format	Color
RYB	49, 75, 194
Decimal	3232194
CIELab	38.61, 28.34, -62.50
CIElCh	39, 68.622, 294.394
Yxy	10.4329, 0.1818, 0.1360
Android (android.graphics.Color)	4281422274 (0xFF3151C2)
YUV	84.3140, 54.0752, -30.9704
Hunter-Lab	32.3000, 20.5488, -73.4246

Details

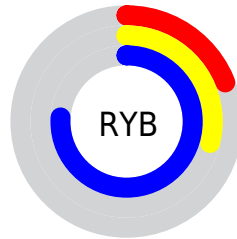
The RGB color **49, 81, 194** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **194, 162, 49**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **115, 130, 251**, and **0, 37, 139** is the 20% darker color. If you saturate the color by 10%, you get **30, 66, 194**, and if you desaturate by 10%, it is **68, 96, 194**.

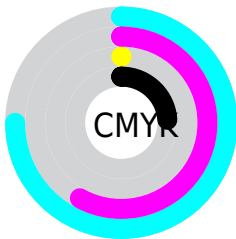
Distribution



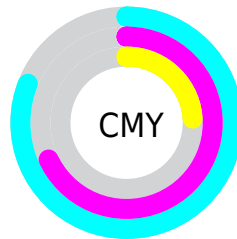
- Red (19%)
- Green (32%)
- Blue (76%)



- Red (19%)
- Yellow (29%)
- Blue (76%)



- Cyan (75%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (81%)
- Magenta (68%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 49, 81, 194 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 49, 81, 194 by changing the saturation by 10% instead.



49, 81, 194



49, 81, 194

255, 255, 255



0, 58, 166



115, 130, 251



0, 37, 139



146, 156, 255



0, 19, 113



175, 183, 255



0, 0, 88



205, 210, 255



0, 7, 63



236, 238, 255



0, 3, 40



0, 1, 18



0, 0, 0



49, 81, 194



49, 81, 194

■ 30, 66, 194

■ 68, 96, 194

■ 10, 51, 194

■ 88, 111, 194

■ 0, 43, 194

■ 107, 126, 194

■ 127, 141, 194

■ 146, 157, 194

■ 165, 172, 194

■ 185, 187, 194

■ 204, 202, 194

■ 224, 217, 194

Harmonies

Analogous

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



0, 102, 203



49, 81, 194



145, 46, 157

Triad

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



49, 81, 194



160, 58, 0



0, 113, 78

Complementary

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



49, 81, 194



194, 162, 49

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, 109, 13



49, 81, 194



120, 85, 0

Square

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



49, 81, 194



183, 9, 49



67, 101, 0



0, 114, 136

Rectangle

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



49, 81, 194



173, 6, 122



67, 101, 0



0, 112, 59

Sweetspot

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



49, 81, 194



197, 209, 252



49, 194, 160



94, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



49, 81, 194



25, 75, 252



88, 49, 194



87, 89, 97



0, 35, 161



0, 7, 33

Inverse Universe

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



194, 49, 81



252, 25, 75



155, 194, 49



97, 87, 89



161, 0, 35



33, 0, 7

Previews

White Background



This preview shows how the RGB color 49, 81, 194 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 49, 81, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

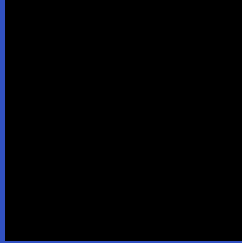
Any Text WCAG AA × Fail

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 49, 81, 194 Background



This preview shows how black text looks on a background with the RGB color 49, 81, 194.

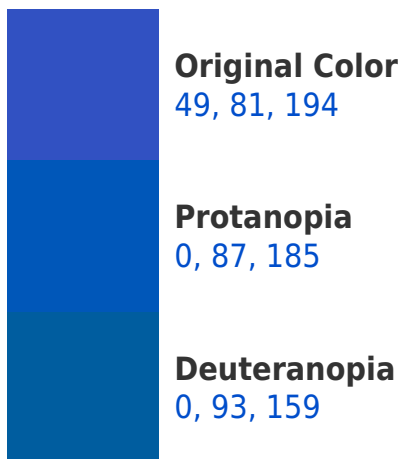


This preview shows how white text looks on a background with the RGB color 49, 81, 194.

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, 100, 107

Trichromacy



Original Color

49, 81, 194

Protanomaly

18, 85, 188

Deuteranomaly

18, 89, 172

Tritanomaly

18, 93, 139

Monochromacy



Original Color

49, 81, 194

Achromatopsia

84, 84, 84

Achromatomaly

71, 83, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 49, 81, 194 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(49, 81, 194)` looks like.

```
.text, #text, p{  
    color:rgb(49, 81, 194)  
}
```

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(49, 81, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 81, 194) }
```

Border

The CSS property to change the border of an element to RGB 49, 81, 194 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(49, 81, 194) }
```

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

```
.border{ border-color:rgb(49, 81, 194) }
```

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

Here you see how a box with a 4 pixel rgb(49, 81, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 81, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 81, 194);  
box-shadow:4px 4px 4px 4px rgb(49, 81,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 49, 81, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 81, 194) }
```

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

```
.background{ background-color: rgb(49, 81,  
194) }
```

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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