

Converting Colors

RGB(64, 62, 197)

Have a look what the booklet for
RGB(64, 62, 197) contains.

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Color

RGB(64, 62, 197)

Conversions

Conversions Part 1

Format	Color
Hex	403EC5
RGB	64, 62, 197
RGB Percent	25%, 24%, 77%
CMY	0.7490, 0.7569, 0.2275
CMYK	0.68, 0.69, 0.00, 0.23
HSL	241°, 54%, 51%
HSV	241°, 69%, 77%
XYZ	13.9150, 8.5665, 53.7434
YIQ	77.9880, -42.1430, 42.4090

Conversions

Conversions Part 2

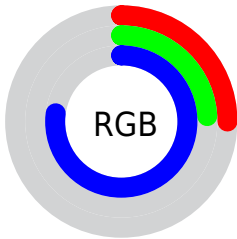
Format	Color
R _{YB}	64, 62, 197
Decimal	4210373
CIE _{Lab}	35.14, 43.11, -69.89
CIE _{LCh}	35, 82.119, 301.666
Yxy	8.5665, 0.1826, 0.1124
Android (android.graphics.Color)	4282400453 (0xFF403EC5)
YUV	77.9880, 58.6729, -12.2675
Hunter-Lab	29.2685, 33.6437, -88.3815

Details

The RGB color **64, 62, 197** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **195, 197, 62**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **128, 111, 255**, and **0, 18, 142** is the 20% darker color. If you saturate the color by 10%, you get **45, 42, 197**, and if you desaturate by 10%, it is **83, 82, 197**.

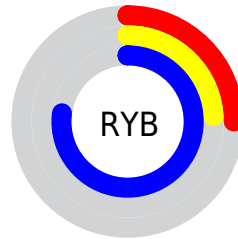
Distribution



Red (25%)

Green (24%)

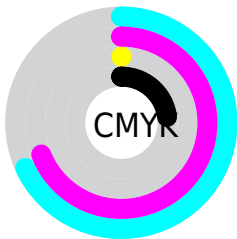
Blue (77%)



Red (25%)

Yellow (24%)

Blue (77%)

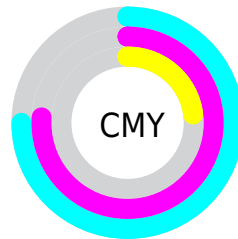


Cyan (68%)

Magenta (69%)

Yellow (0%)

Black (23%)



Cyan (75%)

Magenta (76%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 62, 197 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 64, 62, 197 by changing the saturation by 10% instead.

 64, 62, 197

 64, 62, 197


255, 255, 255

 18, 39, 169

 128, 111, 255

 0, 18, 142

 158, 136, 255

 0, 0, 115

 188, 163, 255

 0, 0, 90

 218, 190, 255

 0, 7, 65

 248, 218, 255

 0, 3, 42

 255, 247, 255

 0, 1, 20

 0, 0, 0

 64, 62, 197

 64, 62, 197

■ 45, 42, 197

■ 83, 82, 197

■ 25, 23, 197

■ 103, 101, 197

■ 6, 3, 197

■ 122, 121, 197

■ 3, 0, 197

■ 142, 141, 197

■ 161, 161, 197

■ 180, 180, 197

■ 200, 200, 197

■ 219, 220, 197

■ 239, 239, 197

Harmonies

Analogous

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



0, 92, 217



64, 62, 197



159, 0, 146

Triad

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



64, 62, 197



149, 50, 0



0, 106, 85

Complementary

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



64, 62, 197



195, 197, 62

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, 104, 3



64, 62, 197



99, 82, 0

Square

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



64, 62, 197



182, 0, 18



17, 97, 0



0, 107, 151

Rectangle

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



64, 62, 197



184, 0, 104



17, 97, 0



0, 106, 62

Sweetspot

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



64, 62, 197



202, 201, 255



62, 197, 197



96, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



64, 62, 197



49, 46, 255



130, 62, 197



90, 90, 99



2, 0, 163



1, 0, 36

Inverse Universe

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



197, 62, 195



255, 46, 252



130, 197, 62



99, 90, 99



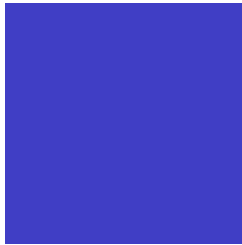
163, 0, 161



36, 0, 35

Previews

White Background



This preview shows how the RGB color 64, 62, 197 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 64, 62, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

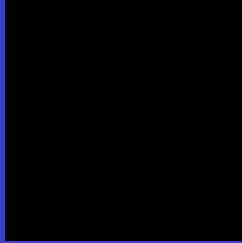
Any Text WCAG AA × Fail

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 64, 62, 197 Background



This preview shows how black text looks on a background with the RGB color 64, 62, 197.



This preview shows how white text looks on a background with the RGB color 64, 62, 197.

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


64, 62, 197

Protanopia

0, 79, 168

Deuteranopia

0, 85, 143



Tritanopia
0, 91, 98

Trichromacy



Original Color

64, 62, 197

Protanomaly

23, 73, 179

Deuteranomaly

23, 77, 163

Tritanomaly

23, 80, 134

Monochromacy



Original Color

64, 62, 197

Achromatopsia

78, 78, 78

Achromatomaly

73, 72, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 62, 197 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(64, 62, 197)` looks like.

```
.text, #text, p{  
    color:rgb(64, 62, 197)  
}
```

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(64, 62, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 62, 197) }
```

Border

The CSS property to change the border of an element to RGB 64, 62, 197 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(64, 62, 197) }
```

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

```
.border{ border-color:rgb(64, 62, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 62, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 62, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 62, 197);  
box-shadow:4px 4px 4px 4px rgb(64, 62,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 64, 62, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 62, 197) }
```

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

```
.background{ background-color: rgb(64, 62,  
197) }
```

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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