

Converting Colors

RGB(65, 47, 131)

Have a look what the booklet for
RGB(65, 47, 131) contains.

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Color

RGB(65, 47, 131)

Conversions

Conversions Part 1

Format	Color
Hex	412F83
RGB	65, 47, 131
RGB Percent	25%, 18%, 51%
CMY	0.7451, 0.8157, 0.4863
CMYK	0.50, 0.64, 0.00, 0.49
HSL	253°, 47%, 35%
HSV	253°, 64%, 51%
XYZ	7.2932, 4.7955, 22.0140
YIQ	61.9580, -16.2360, 29.9400

Conversions

Conversions Part 2

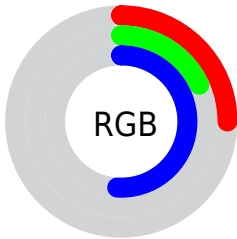
Format	Color
RYB	65, 47, 131
Decimal	4272003
CIELab	26.14, 30.81, -44.72
CIElCh	26, 54.310, 304.567
Yxy	4.7955, 0.2139, 0.1406
Android (android.graphics.Color)	4282462083 (0xFF412F83)
YUV	61.9580, 34.0377, 2.6678
Hunter-Lab	21.8987, 21.1255, -44.2729

Details

The RGB color **65, 47, 131** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **113, 131, 47**, and the grayscale version is **62, 62, 62**.

A 20% lighter version of the original color is **118, 94, 185**, and **2, 4, 81** is the 20% darker color. If you saturate the color by 10%, you get **55, 34, 131**, and if you desaturate by 10%, it is **75, 60, 131**.

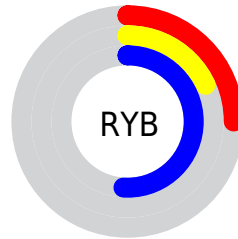
Distribution



 Red (25%)

 Green (18%)

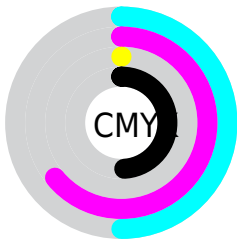
 Blue (51%)




 Red (25%)

 Yellow (18%)

 Blue (51%)

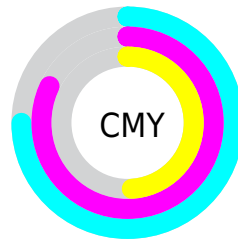


 Cyan (50%)


 Magenta (64%)

 Yellow (0%)

 Black (49%)



 Cyan (75%)

 Magenta (82%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 47, 131 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 65, 47, 131 by changing the saturation by 10% instead.



65, 47, 131



65, 47, 131

255, 255, 255



37, 25, 105



118, 94, 185



2, 4, 81



146, 119, 213



0, 0, 57



173, 145, 241



0, 2, 34



202, 172, 255



0, 0, 9



231, 199, 255



0, 0, 0



255, 227, 255



65, 47, 131



65, 47, 131



55, 34, 131



75, 60, 131

■ 44, 21, 131

■ 86, 73, 131

■ 34, 8, 131

■ 96, 86, 131

■ 28, 0, 131

■ 106, 99, 131

■ 116, 113, 131

■ 127, 126, 131

■ 137, 139, 131

■ 147, 152, 131

■ 158, 165, 131

Harmonies

Analogous

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



0, 66, 146



65, 47, 131



114, 14, 98

Triad

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



65, 47, 131



104, 45, 0



0, 79, 67

Complementary

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



65, 47, 131



113, 131, 47

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, 77, 23



65, 47, 131



71, 62, 0

Square

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



65, 47, 131



126, 15, 17



27, 72, 0



0, 79, 108

Rectangle

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



65, 47, 131



128, 0, 71



27, 72, 0



0, 78, 53

Sweetspot

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



65, 47, 131



145, 138, 171



47, 114, 131



71, 67, 87



214, 214, 214



87, 87, 87

Same Dimension

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



65, 47, 131



67, 39, 171



106, 47, 131



61, 60, 66



28, 0, 130



1, 0, 3

Inverse Universe

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



131, 47, 113



171, 39, 143



72, 131, 47



66, 60, 65



130, 0, 102



3, 0, 2

Previews

White Background



This preview shows how the RGB color 65, 47, 131 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 65, 47, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

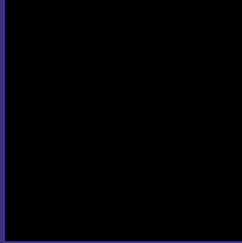
Any Text WCAG AA × Fail

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 65, 47, 131 Background



This preview shows how black text looks on a background with the RGB color 65, 47, 131.

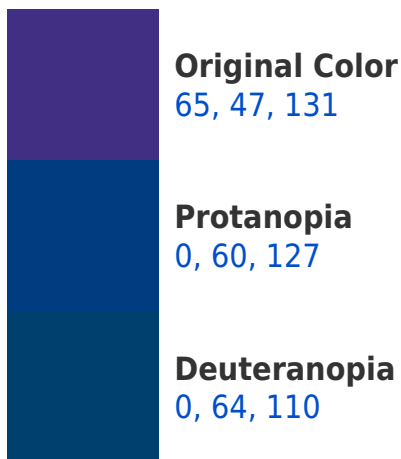


This preview shows how white text looks on a background with the RGB color 65, 47, 131.

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

47, 65, 70

Trichromacy



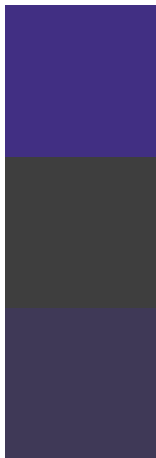
Original Color
65, 47, 131

Protanomaly
24, 55, 128

Deuteranomaly
24, 58, 118

Tritanomaly
54, 58, 92

Monochromacy



Original Color
65, 47, 131

Achromatopsia
62, 62, 62

Achromatomaly
63, 57, 87

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 47, 131 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(65, 47, 131) looks like.

```
.text, #text, p{  
    color:rgb(65, 47, 131)  
}
```

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(65, 47, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 47, 131) }
```

Border

The CSS property to change the border of an element to RGB 65, 47, 131 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(65, 47, 131) }
```

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

```
.border{ border-color:rgb(65, 47, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 47, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 47, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 47, 131);  
box-shadow:4px 4px 4px 4px rgb(65, 47,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 65, 47, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 47, 131) }
```

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

```
.background{ background-color: rgb(65, 47,  
131) }
```

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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