

Converting Colors

RGB(82, 3, 196)

Have a look what the booklet for
RGB(82, 3, 196) contains.

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Color

RGB(82, 3, 196)

Conversions

Conversions Part 1

Format	Color
Hex	5203C4
RGB	82, 3, 196
RGB Percent	32%, 1%, 77%
CMY	0.6784, 0.9882, 0.2314
CMYK	0.58, 0.98, 0.00, 0.23
HSL	265°, 97%, 39%
HSV	265°, 98%, 77%
XYZ	13.4760, 5.8445, 52.6424
YIQ	48.6230, -14.8690, 76.7710

Conversions

Conversions Part 2

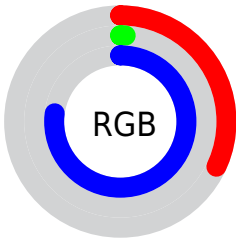
Format	Color
R _Y B	82, 3, 196
Decimal	5374916
CIE Lab	29.02, 66.68, -79.36
CIE LCh	29, 103.655, 310.041
Yxy	5.8445, 0.1873, 0.0812
Android (android.graphics.Color)	4283564996 (0xFF5203C4)
YUV	48.6230, 72.6569, 29.2716
Hunter-Lab	24.1754, 57.1941, -112.1825

Details

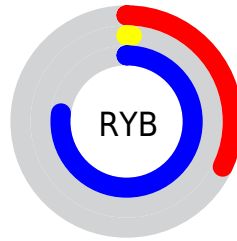
The RGB color **82, 3, 196** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **117, 196, 3**, and the grayscale version is **48, 48, 48**.

A 20% lighter version of the original color is **145, 71, 254**, and **0, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **80, 0, 196**, and if you desaturate by 10%, it is **94, 23, 196**.

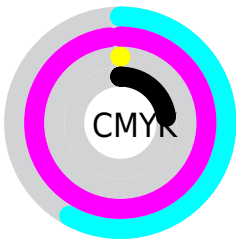
Distribution



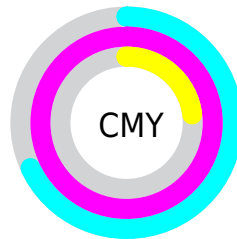
- Red (32%)
- Green (1%)
- Blue (77%)



- Red (32%)
- Yellow (1%)
- Blue (77%)



- Cyan (58%)
- Magenta (98%)
- Yellow (0%)
- Black (23%)



- Cyan (68%)
- Magenta (99%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 82, 3, 196 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 82, 3, 196 by changing the saturation by 10% instead.



82, 3, 196



82, 3, 196

255, 255, 255



45, 0, 168



145, 71, 254



0, 0, 141



175, 98, 255



0, 0, 114



206, 125, 255



0, 0, 88



236, 153, 255



0, 7, 64



255, 181, 255



0, 3, 41



255, 209, 255



0, 1, 19



255, 238, 255



0, 0, 0



82, 3, 196



82, 3, 196

80, 0, 196

94, 23, 196

105, 42, 196

117, 62, 196

128, 81, 196

140, 101, 196

151, 121, 196

163, 140, 196

175, 160, 196

186, 179, 196

Harmonies

Analogous

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



0, 76, 234



82, 3, 196



174, 0, 125

Triad

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



82, 3, 196



126, 39, 0



0, 93, 95

Complementary

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



82, 3, 196



117, 196, 3

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, 91, 0



82, 3, 196



59, 75, 0

Square

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



82, 3, 196



172, 0, 0



0, 87, 0



0, 95, 174

Rectangle

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



82, 3, 196



192, 0, 73



0, 87, 0



0, 92, 67

Sweetspot

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



82, 3, 196



210, 179, 255



3, 119, 196



100, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



82, 3, 196



104, 0, 255



177, 3, 196



91, 87, 97



66, 0, 161



14, 0, 33

Inverse Universe

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



196, 3, 117



255, 0, 151



22, 196, 3



97, 87, 93



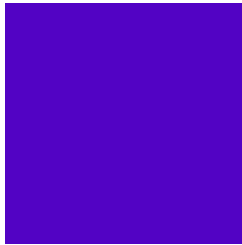
161, 0, 95



33, 0, 20

Previews

White Background



This preview shows how the RGB color 82, 3, 196 looks on a white background.

Color Contrast Check

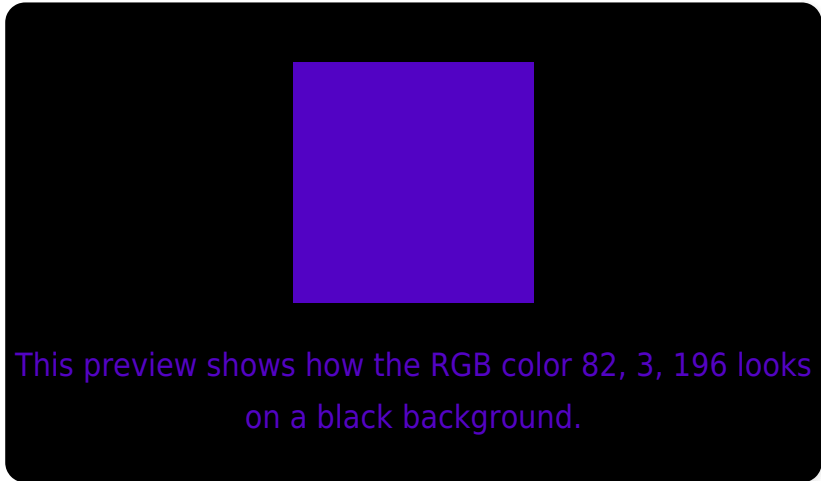
Large Text (above 18pt) WCAG AA ✓ Pass

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

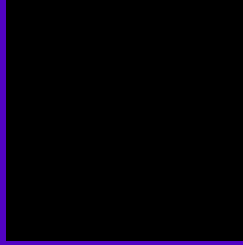
Any Text WCAG AA × Fail

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 82, 3, 196 Background



This preview shows how black text looks on a background with the RGB color 82, 3, 196.



This preview shows how white text looks on a background with the RGB color 82, 3, 196.

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

82, 3, 196

Protanopia

0, 68, 143

Deuteranopia

0, 72, 121



Tritanopia
35, 76, 82

Trichromacy



Original Color
82, 3, 196

Protanomaly
30, 44, 162

Deuteranomaly
30, 47, 148

Tritanomaly
52, 49, 123

Monochromacy



Original Color
82, 3, 196

Achromatopsia
49, 49, 49

Achromatomaly
61, 32, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 82, 3, 196 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(82, 3, 196)` looks like.

```
.text, #text, p{  
    color:rgb(82, 3, 196)  
}
```

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(82, 3, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 3, 196) }
```

Border

The CSS property to change the border of an element to RGB 82, 3, 196 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(82, 3, 196) }
```

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

```
.border{ border-color:rgb(82, 3, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 3, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 3, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 3, 196);  
box-shadow:4px 4px 4px 4px rgb(82, 3, 196)  
}
```

Background

The CSS property to change the background color of an element to RGB 82, 3, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 3, 196) }
```

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

```
.background{ background-color: rgb(82, 3,  
196) }
```

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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