

Converting Colors

RGB(83, 25, 197)

Have a look what the booklet for
RGB(83, 25, 197) contains.

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Color

RGB(83, 25, 197)

Conversions

Conversions Part 1

Format	Color
Hex	5319C5
RGB	83, 25, 197
RGB Percent	33%, 10%, 77%
CMY	0.6745, 0.9020, 0.2275
CMYK	0.58, 0.87, 0.00, 0.23
HSL	260°, 77%, 44%
HSV	260°, 87%, 77%
XYZ	13.9930, 6.5655, 53.3531
YIQ	61.9500, -20.6440, 65.7880

Conversions

Conversions Part 2

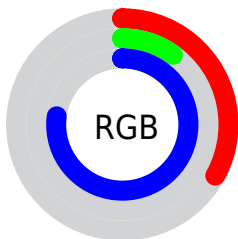
Format	Color
R_{YB}	83, 25, 197
Decimal	5446085
CIE _{Lab}	30.80, 62.30, -76.99
CIE _{LCh}	31, 99.043, 308.981
Yxy	6.5655, 0.1893, 0.0888
Android (android.graphics.Color)	4283636165 (0xFF5319C5)
YUV	61.9500, 66.5797, 18.4608
Hunter-Lab	25.6232, 52.6392, -105.5185

Details

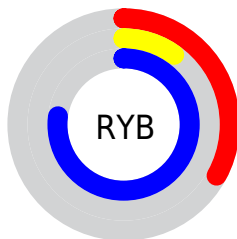
The RGB color **83, 25, 197** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **139, 197, 25**, and the grayscale version is **61, 61, 61**.

A 20% lighter version of the original color is **145, 81, 255**, and **0, 0, 142** is the 20% darker color. If you saturate the color by 10%, you get **70, 5, 197**, and if you desaturate by 10%, it is **96, 45, 197**.

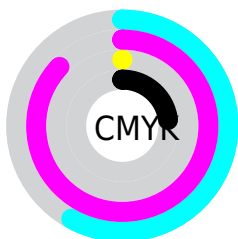
Distribution



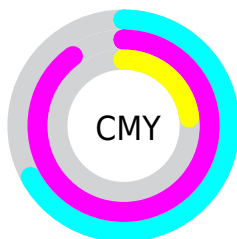
- Red (33%)
- Green (10%)
- Blue (77%)



- Red (33%)
- Yellow (10%)
- Blue (77%)



- Cyan (58%)
- Magenta (87%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (90%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 83, 25, 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 83, 25, 197 by changing the saturation by 10% instead.



83, 25, 197



83, 25, 197

255, 255, 255



47, 0, 169



145, 81, 255



0, 0, 142



175, 107, 255



0, 0, 115



206, 134, 255



0, 0, 89



236, 162, 255



0, 7, 65



255, 190, 255



0, 3, 42



255, 218, 255



0, 1, 20



255, 247, 255



0, 0, 0



83, 25, 197



83, 25, 197

■ 70, 5, 197

■ 96, 45, 197

■ 66, 0, 197

■ 109, 64, 197

■ 122, 84, 197

■ 135, 104, 197

■ 148, 123, 197

■ 161, 143, 197

■ 174, 163, 197

■ 187, 183, 197

■ 201, 202, 197

Harmonies

Analogous

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



0, 80, 232



83, 25, 197



173, 0, 130

Triad

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



83, 25, 197



131, 44, 0



0, 97, 95

Complementary

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



83, 25, 197



139, 197, 25

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, 95, 1



83, 25, 197



68, 78, 0

Square

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



83, 25, 197



176, 0, 0



0, 90, 0



0, 99, 171

Rectangle

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



83, 25, 197



193, 0, 79



0, 90, 0



0, 96, 68

Sweetspot

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



83, 25, 197



211, 189, 255



25, 140, 197



101, 88, 128



0, 0, 0



128, 128, 128

Same Dimension

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



83, 25, 197



86, 0, 255



168, 25, 197



93, 90, 99



55, 0, 163



12, 0, 36

Inverse Universe

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



197, 25, 139



255, 0, 169



54, 197, 25



99, 90, 96



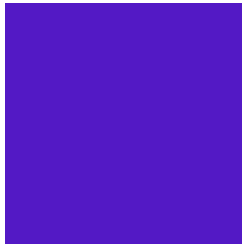
163, 0, 108



36, 0, 24

Previews

White Background



This preview shows how the RGB color 83, 25, 197 looks on a white background.

Color Contrast Check

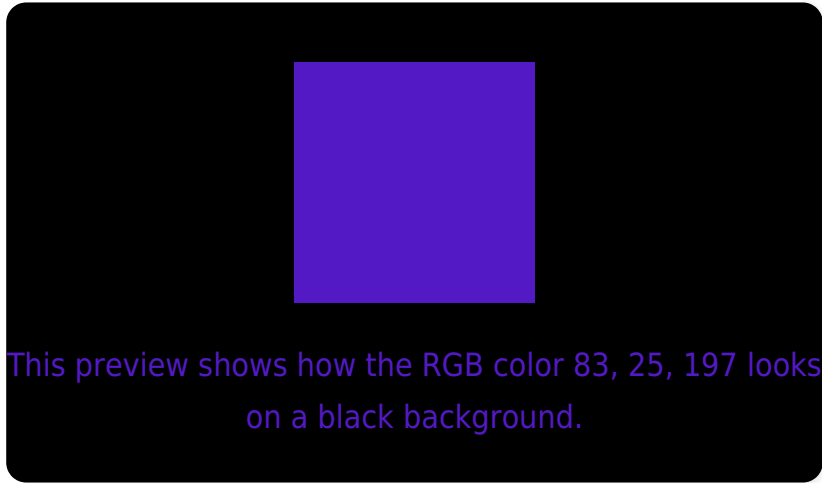
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

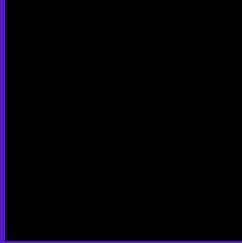
Any Text WCAG AA × Fail

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 83, 25, 197 Background



This preview shows how black text looks on a background with the RGB color 83, 25, 197.



This preview shows how white text looks on a background with the RGB color 83, 25, 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

83, 25, 197

Protanopia

0, 71, 148

Deuteranopia

0, 75, 126



Tritanopia

38, 79, 85

Trichromacy



Original Color
83, 25, 197

Protanomaly
30, 54, 166

Deuteranomaly
30, 57, 152

Tritanomaly
54, 59, 126

Monochromacy



Original Color
83, 25, 197

Achromatopsia
62, 62, 62

Achromatomaly
70, 49, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 83, 25, 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(83, 25, 197) looks like.

```
.text, #text, p{  
    color:rgb(83, 25, 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(83, 25, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 25, 197) }
```

Border

The CSS property to change the border of an element to RGB 83, 25, 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(83, 25, 197) }
```

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

```
.border{ border-color:rgb(83, 25, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 25, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 25, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 25, 197);  
box-shadow:4px 4px 4px 4px rgb(83, 25,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 83, 25, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 25, 197) }
```

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

```
.background{ background-color: rgb(83, 25,  
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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