

Converting Colors

RGB(129, 65, 193)

Have a look what the booklet for
RGB(129, 65, 193) contains.

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Color

RGB(129, 65, 193)

Conversions

Conversions Part 1

Format	Color
Hex	8141C1
RGB	129, 65, 193
RGB Percent	51%, 25%, 76%
CMY	0.4941, 0.7451, 0.2431
CMYK	0.33, 0.66, 0.00, 0.24
HSL	270°, 51%, 51%
HSV	270°, 66%, 76%
XYZ	20.5692, 12.2980, 51.7417
YIQ	98.7280, -2.9440, 53.3760

Conversions

Conversions Part 2

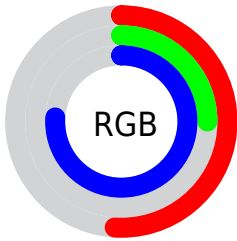
Format	Color
R_{YB}	129, 65, 193
Decimal	8470977
CIE _{Lab}	41.69, 51.54, -56.61
CIE _{LCh}	42, 76.563, 312.317
Yxy	12.2980, 0.2431, 0.1454
Android (android.graphics.Color)	4286661057 (0xFF8141C1)
YUV	98.7280, 46.4761, 26.5485
Hunter-Lab	35.0685, 43.3283, -62.9314

Details

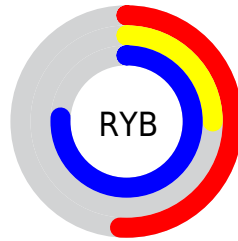
The RGB color **129, 65, 193** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **129, 193, 65**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **186, 117, 250**, and **73, 8, 138** is the 20% darker color. If you saturate the color by 10%, you get **119, 46, 193**, and if you desaturate by 10%, it is **139, 84, 193**.

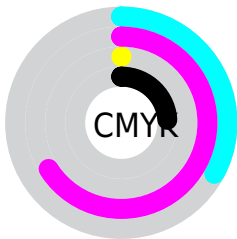
Distribution



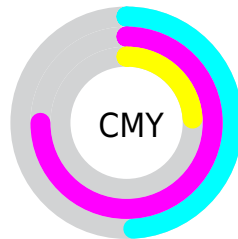
- Red (51%)
- Green (25%)
- Blue (76%)



- Red (51%)
- Yellow (25%)
- Blue (76%)



- Cyan (33%)
- Magenta (66%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (75%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RGB color 129, 65, 193 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 129, 65, 193 by changing the saturation by 10% instead.

 129, 65, 193

 129, 65, 193

255, 255, 255

 101, 39, 165

 186, 117, 250

 73, 8, 138

 215, 144, 255

 44, 0, 112

 245, 171, 255

 12, 0, 87

 255, 199, 255

 0, 0, 63

 255, 227, 255

 0, 3, 40

 0, 1, 17

 0, 0, 0

 129, 65, 193

 129, 65, 193

■ 119, 46, 193

■ 139, 84, 193

■ 110, 26, 193

■ 148, 104, 193

■ 100, 7, 193

■ 158, 123, 193

■ 97, 0, 193

■ 168, 142, 193

■ 177, 161, 193

■ 187, 181, 193

■ 197, 200, 193

■ 206, 219, 193

■ 216, 239, 193

Harmonies

Analogous

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



0, 99, 224



129, 65, 193



188, 0, 138

Triad

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



129, 65, 193



150, 81, 0



0, 124, 124

Complementary

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



129, 65, 193



129, 193, 65

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, 122, 57



129, 65, 193



97, 104, 0

Square

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



129, 65, 193



188, 41, 9



0, 116, 0



0, 123, 183

Rectangle

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



129, 65, 193



203, 0, 96



0, 116, 0



0, 123, 102

Sweetspot

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



129, 65, 193



225, 200, 250



65, 129, 193



110, 95, 125



252, 252, 252



125, 125, 125

Same Dimension

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



129, 65, 193



150, 50, 250



193, 65, 193



92, 87, 97



80, 0, 161



17, 0, 33

Inverse Universe

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



193, 65, 129



250, 50, 150



65, 193, 65



97, 87, 92



161, 0, 80



33, 0, 17

Previews

White Background



This preview shows how the RGB color 129, 65, 193 looks on a white background.

Color Contrast Check

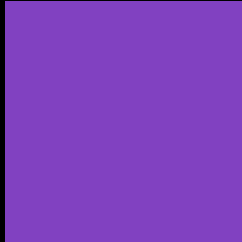
Large Text (above 18pt) WCAG AA ✓ Pass

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 129, 65, 193 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 129, 65, 193 Background



This preview shows how black text looks on a background with the RGB color 129, 65, 193.

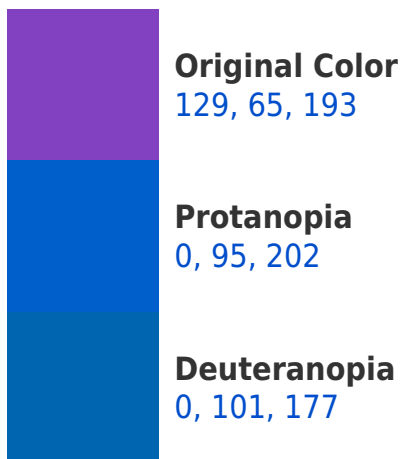



This preview shows how white text looks on a background with the RGB color 129, 65, 193.

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
111, 94, 101

Trichromacy



Original Color

129, 65, 193



Protanomaly

47, 84, 199



Deuteranomaly

47, 88, 183



Tritanomaly

118, 83, 134

Monochromacy



Original Color

129, 65, 193



Achromatopsia

99, 99, 99



Achromatomaly

110, 87, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 65, 193 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(129, 65, 193)` looks like.

```
.text, #text, p{  
    color:rgb(129, 65, 193)  
}
```

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(129, 65, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 65, 193) }
```

Border

The CSS property to change the border of an element to RGB 129, 65, 193 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(129, 65, 193) }
```

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

```
.border{ border-color:rgb(129, 65, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 65, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 65, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 65, 193);  
box-shadow:4px 4px 4px 4px rgb(129, 65,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 129, 65, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 65, 193) }
```

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

```
.background{ background-color: rgb(129, 65,  
193) }
```

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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