

Converting Colors

RGB(129, 126, 165)

Have a look what the booklet for
RGB(129, 126, 165) contains.

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Color

RGB(129, 126, 165)

Conversions

Conversions Part 1

Format	Color
Hex	817EA5
RGB	129, 126, 165
RGB Percent	51%, 49%, 65%
CMY	0.4941, 0.5059, 0.3529
CMYK	0.22, 0.24, 0.00, 0.35
HSL	245°, 18%, 57%
HSV	245°, 24%, 65%
XYZ	23.3056, 22.3054, 38.6744
YIQ	131.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

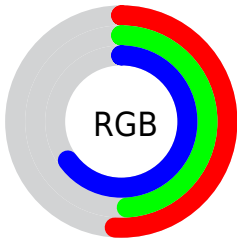
Format	Color
R_{YB}	129, 126, 165
Decimal	8486565
CIE Lab	54.35, 9.72, -20.35
CIE LCh	54, 22.550, 295.536
Yxy	22.3054, 0.2765, 0.2646
Android (android.graphics.Color)	4286676645 (0xFF817EA5)
YUV	131.3430, 16.5929, -2.0548
Hunter-Lab	47.2286, 5.4332, -15.4910

Details

The RGB color `129, 126, 165` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `162, 165, 126`, and the grayscale version is `131, 131, 131`.

A 20% lighter version of the original color is `182, 179, 220`, and `79, 77, 113` is the 20% darker color. If you saturate the color by 10%, you get `114, 109, 165`, and if you desaturate by 10%, it is `144, 142, 165`.

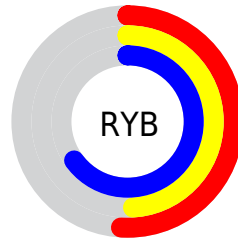
Distribution



Red (51%)

Green (49%)

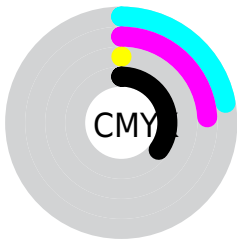
Blue (65%)



Red (51%)

Yellow (49%)

Blue (65%)

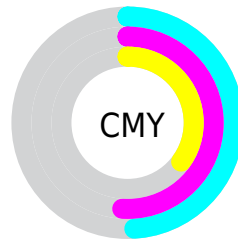


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 126, 165 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, 126, 165 by changing the saturation by 10% instead.

■ 129, 126, 165

255, 255, 255

■ 182, 179, 220

■ 210, 206, 249

■ 239, 234, 255

■ 129, 126, 165

■ 104, 101, 139

■ 79, 77, 113

■ 55, 54, 88

■ 32, 33, 65

■ 12, 11, 43

■ 0, 1, 22

■ 0, 0, 0

■ 129, 126, 165

■ 114, 109, 165

■ 129, 126, 165

■ 144, 142, 165


 99, 93, 165

 159, 159, 165

 83, 76, 165

 175, 176, 165

 68, 60, 165


 190, 192, 165

 53, 43, 165

 205, 208, 165

 38, 27, 165

 220, 225, 165

 22, 10, 165

 236, 241, 165

 13, 0, 165

 251, 255, 165

 255, 255, 165

Harmonies

Analogous

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



101, 133, 168



129, 126, 165



152, 120, 152

Triad

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



129, 126, 165



162, 121, 99



83, 141, 126

Complementary

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



129, 126, 165



162, 165, 126

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.



104, 138, 107



129, 126, 165



147, 128, 91

Square

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



129, 126, 165



169, 117, 114



126, 134, 95



71, 141, 146

Rectangle

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



129, 126, 165



163, 117, 140



126, 134, 95



90, 140, 120

Sweetspot

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



129, 126, 165



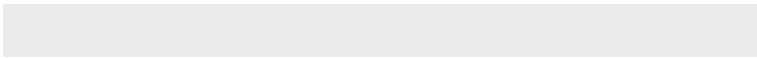
200, 199, 214



126, 162, 165



99, 99, 107



235, 235, 235



107, 107, 107

Same Dimension

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



129, 126, 165



159, 154, 214



148, 126, 165



74, 73, 82



11, 0, 145



1, 0, 18

Inverse Universe

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



165, 126, 162



214, 154, 210



143, 165, 126



82, 73, 81



145, 0, 134



18, 0, 16

Previews

White Background



This preview shows how the RGB color 129, 126, 165 looks on a white 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

Black Background



This preview shows how the RGB color 129, 126, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

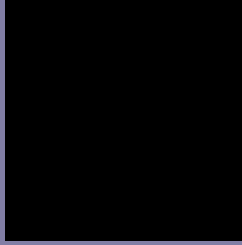
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 129, 126, 165 Background



This preview shows how black text looks on a background with the RGB color 129, 126, 165.



This preview shows how white text looks on a background with the RGB color 129, 126, 165.

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](#).

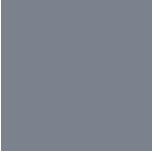
Dichromacy



Original Color
[129, 126, 165](#)

Protanopia
[120, 128, 167](#)

Deuteranopia
[124, 127, 165](#)



Tritanopia
124, 130, 141

Trichromacy



Original Color

129, 126, 165

Protanomaly

123, 127, 166

Deuteranomaly

126, 127, 165

Tritanomaly

126, 129, 150

Monochromacy



Original Color

129, 126, 165

Achromatopsia

131, 131, 131

Achromatomaly

130, 129, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 126, 165 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, 126, 165)` looks like.

```
.text, #text, p{  
    color:rgb(129, 126, 165)  
}
```

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, 126, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 126, 165) }
```

Border

The CSS property to change the border of an element to RGB 129, 126, 165 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, 126, 165) }
```

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

```
.border{ border-color:rgb(129, 126, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 126, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 126, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 126, 165);  
box-shadow:4px 4px 4px 4px rgb(129, 126,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 129, 126, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 126, 165) }
```

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

```
.background{ background-color: rgb(129,  
126, 165) }
```

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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