

Converting Colors

RGB(129, 108, 163)

Have a look what the booklet for
RGB(129, 108, 163) contains.

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Color

RGB(129, 108, 163)

Conversions

Conversions Part 1

Format	Color
Hex	816CA3
RGB	129, 108, 163
RGB Percent	51%, 42%, 64%
CMY	0.4941, 0.5765, 0.3608
CMYK	0.21, 0.34, 0.00, 0.36
HSL	263°, 23%, 53%
HSV	263°, 34%, 64%
XYZ	21.0267, 18.0366, 37.0235
YIQ	120.5490, -5.1390, 21.5570

Conversions

Conversions Part 2

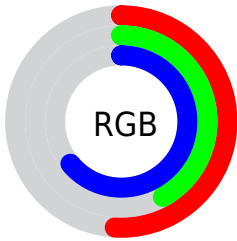
Format	Color
R_{YB}	129, 108, 163
Decimal	8481955
CIE _{Lab}	49.54, 19.90, -26.59
CIE _{LCh}	50, 33.214, 306.803
Yxy	18.0366, 0.2764, 0.2371
Android (android.graphics.Color)	4286672035 (0xFF816CA3)
YUV	120.5490, 20.9283, 7.4115
Hunter-Lab	42.4695, 14.0538, -21.9584

Details

The RGB color **129, 108, 163** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142, 163, 108**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **183, 160, 218**, and **78, 60, 111** is the 20% darker color. If you saturate the color by 10%, you get **119, 92, 163**, and if you desaturate by 10%, it is **139, 124, 163**.

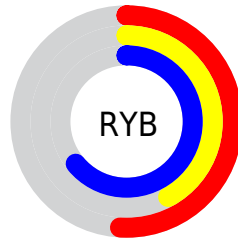
Distribution



Red (51%)

Green (42%)

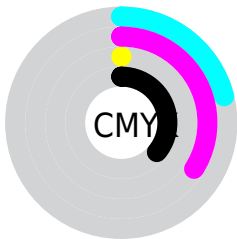
Blue (64%)



Red (51%)

Yellow (42%)

Blue (64%)

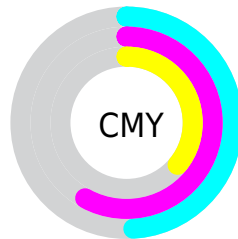


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (58%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the RGB color 129, 108, 163 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, 108, 163 by changing the saturation by 10% instead.

 129, 108, 163

255, 255, 255

 183, 160, 218

 211, 187, 247

 239, 214, 255


 255, 243, 255


 129, 108, 163

 103, 84, 137

 78, 60, 111

 54, 38, 86

 31, 18, 63

 12, 0, 41

 0, 1, 19


 0, 0, 0

 129, 108, 163

 119, 92, 163

 129, 108, 163

 139, 124, 163

 109, 75, 163

 149, 141, 163

 99, 59, 163

 159, 157, 163

 89, 43, 163


 169, 173, 163

 79, 27, 163

 179, 190, 163

 69, 10, 163

 189, 206, 163

 62, 0, 163

 200, 222, 163

 210, 238, 163

 220, 255, 163

Harmonies

Analogous

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



85, 118, 174



129, 108, 163



158, 99, 141

Triad

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



129, 108, 163



154, 108, 66



0, 133, 124

Complementary

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



129, 108, 163



142, 163, 108

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.



63, 131, 95



129, 108, 163



129, 118, 61

Square

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



129, 108, 163



169, 99, 85



99, 126, 71



0, 131, 151

Rectangle

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



129, 108, 163



169, 95, 122



99, 126, 71



28, 132, 114

Sweetspot

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



129, 108, 163



199, 190, 212



108, 143, 163



99, 94, 107



235, 235, 235



107, 107, 107

Same Dimension

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



129, 108, 163



159, 127, 212



156, 108, 163



77, 73, 82



55, 0, 145



7, 0, 18

Inverse Universe

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



163, 108, 142



212, 127, 179



115, 163, 108



82, 73, 78



145, 0, 90



18, 0, 11

Previews

White Background



This preview shows how the RGB color 129, 108, 163 looks on a white background.

Color Contrast Check

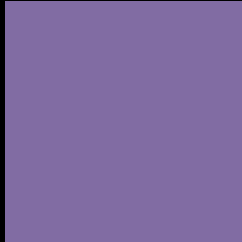
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108, 163 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, 108, 163 Background



This preview shows how black text looks on a background with the RGB color 129, 108, 163.



This preview shows how white text looks on a background with the RGB color 129, 108, 163.

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, 108, 163

Protanopia

101, 116, 169

Deuteranopia

105, 116, 161



Tritanopia
122, 116, 125

Trichromacy



Original Color

129, 108, 163

Protanomaly

111, 113, 167

Deuteranomaly

114, 113, 162

Tritanomaly

125, 113, 139

Monochromacy



Original Color

129, 108, 163

Achromatopsia

121, 121, 121

Achromatomaly

124, 116, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 108, 163 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, 108, 163)` looks like.

```
.text, #text, p{  
    color:rgb(129, 108, 163)  
}
```

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, 108, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 108, 163) }
```

Border

The CSS property to change the border of an element to RGB 129, 108, 163 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, 108, 163) }
```

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

```
.border{ border-color:rgb(129, 108, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 108, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 108, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 108, 163);  
box-shadow:4px 4px 4px 4px rgb(129, 108,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 129, 108, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 108, 163) }
```

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

```
.background{ background-color: rgb(129,  
108, 163) }
```

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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