

Converting Colors

RGB(109, 105, 180)

Have a look what the booklet for
RGB(109, 105, 180) contains.

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Color

RGB(109, 105, 180)

Conversions

Conversions Part 1

Format	Color
Hex	6D69B4
RGB	109, 105, 180
RGB Percent	43%, 41%, 71%
CMY	0.5725, 0.5882, 0.2941
CMYK	0.39, 0.42, 0.00, 0.29
HSL	243°, 33%, 56%
HSV	243°, 42%, 71%
XYZ	19.5965, 16.6496, 45.3609
YIQ	114.7460, -21.6910, 24.1730

Conversions

Conversions Part 2

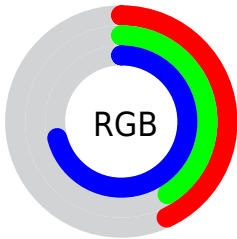
Format	Color
R_{YB}	109, 105, 180
Decimal	7170484
CIE _{Lab}	47.82, 20.31, -39.35
CIE _{LCh}	48, 44.280, 297.308
Yxy	16.6496, 0.2401, 0.2040
Android (android.graphics.Color)	4285360564 (0xFF6D69B4)
YUV	114.7460, 32.1702, -5.0392
Hunter-Lab	40.8040, 14.3192, -37.3486

Details

The RGB color **109, 105, 180** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **176, 180, 105**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **163, 156, 236**, and **56, 58, 127** is the 20% darker color. If you saturate the color by 10%, you get **92, 87, 180**, and if you desaturate by 10%, it is **126, 123, 180**.

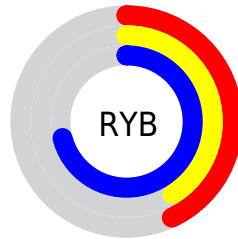
Distribution



Red (43%)

Green (41%)

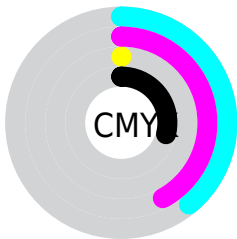
Blue (71%)



Red (43%)

Yellow (41%)

Blue (71%)

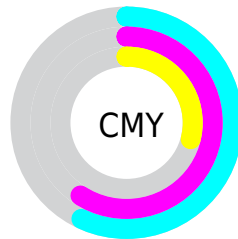


Cyan (39%)

Magenta (42%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RGB color 109, 105, 180 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 109, 105, 180 by changing the saturation by 10% instead.

 109, 105, 180

255, 255, 255

 163, 156, 236

 191, 183, 255

 220, 211, 255

 249, 239, 255

 109, 105, 180

 83, 81, 153

 56, 58, 127

 28, 36, 101

 0, 17, 77

 0, 0, 54

 0, 2, 31

 0, 0, 3

 0, 0, 0

 109, 105, 180

 109, 105, 180

■ 92, 87, 180

■ 126, 123, 180

■ 75, 69, 180

■ 143, 141, 180

■ 58, 51, 180

■ 160, 159, 180

■ 41, 33, 180

■ 177, 177, 180

■ 24, 15, 180

■ 194, 195, 180

■ 10, 0, 180

■ 211, 213, 180

■ 228, 231, 180

■ 245, 249, 180

■ 255, 255, 180

Harmonies

Analogous

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



0, 119, 188



109, 105, 180



156, 90, 154

Triad

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



109, 105, 180



165, 96, 51



0, 131, 109

Complementary

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



109, 105, 180



176, 180, 105

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.



50, 128, 71



109, 105, 180



137, 110, 34

Square

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



109, 105, 180



181, 83, 81



100, 121, 43



0, 131, 147

Rectangle

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



109, 105, 180



174, 82, 131



100, 121, 43



0, 131, 96

Sweetspot

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



109, 105, 180



206, 204, 235



105, 176, 180



100, 99, 117



245, 245, 245



117, 117, 117

Same Dimension

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



109, 105, 180



124, 117, 235



146, 105, 180



81, 80, 89



8, 0, 153



1, 0, 26

Inverse Universe

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



180, 105, 176



235, 117, 228



139, 180, 105



89, 80, 89



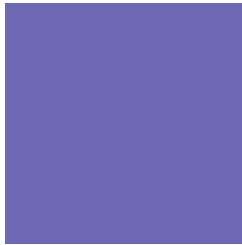
153, 0, 145



26, 0, 24

Previews

White Background



This preview shows how the RGB color 109, 105, 180 looks on a white background.

Color Contrast Check

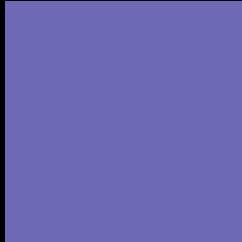
Large Text (above 18pt) WCAG AA ✓ Pass

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 109, 105, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

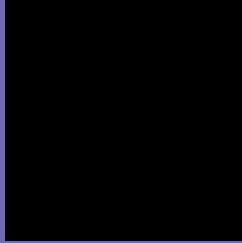
Any Text WCAG AA × Fail

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 109, 105, 180 Background



This preview shows how black text looks on a background with the RGB color 109, 105, 180.

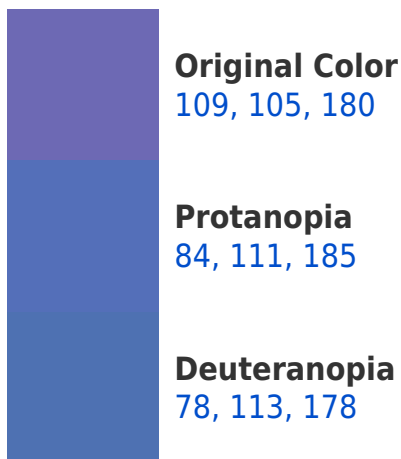


This preview shows how white text looks on a background with the RGB color 109, 105, 180.

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](#).

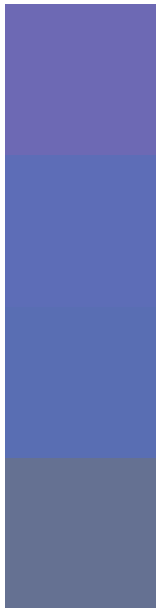
Dichromacy





Tritanopia
96, 117, 126

Trichromacy



Original Color
109, 105, 180

Protanomaly
93, 109, 183

Deuteranomaly
89, 110, 179

Tritanomaly
101, 113, 146

Monochromacy



Original Color
109, 105, 180

Achromatopsia
115, 115, 115

Achromatomaly
113, 111, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 105, 180 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(109, 105, 180)` looks like.

```
.text, #text, p{  
    color:rgb(109, 105, 180)  
}
```

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(109, 105, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 105, 180) }
```

Border

The CSS property to change the border of an element to RGB 109, 105, 180 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(109, 105, 180) }
```

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

```
.border{ border-color:rgb(109, 105, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 105, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 105, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 105, 180);  
box-shadow:4px 4px 4px 4px rgb(109, 105,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 109, 105, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 105, 180) }
```

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

```
.background{ background-color: rgb(109,  
105, 180) }
```

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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