

Converting Colors

RGB(99, 120, 185)

Have a look what the booklet for
RGB(99, 120, 185) contains.

RGB(99, 120, 185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(99, 120, 185)

Conversions

Conversions Part 1

Format	Color
Hex	6378B9
RGB	99, 120, 185
RGB Percent	39%, 47%, 73%
CMY	0.6118, 0.5294, 0.2745
CMYK	0.46, 0.35, 0.00, 0.27
HSL	225°, 38%, 56%
HSV	225°, 46%, 73%
XYZ	20.6190, 19.5884, 48.5931
YIQ	121.1310, -33.3810, 15.7630

Conversions

Conversions Part 2

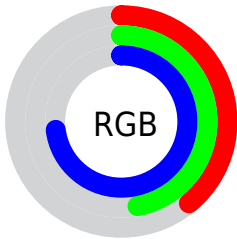
Format	Color
R _Y B	99, 116, 185
Decimal	6518969
CIE Lab	51.37, 10.05, -36.69
CIE LCh	51, 38.038, 285.320
Yxy	19.5884, 0.2322, 0.2206
Android (android.graphics.Color)	4284709049 (0xFF6378B9)
YUV	121.1310, 31.4874, -19.4089
Hunter-Lab	44.2588, 5.7057, -34.1153

Details

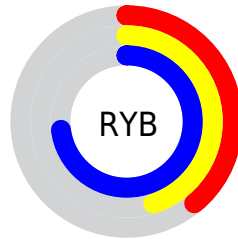
The RGB color `99, 120, 185` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `185, 164, 99`, and the grayscale version is `121, 121, 121`.

A 20% lighter version of the original color is `154, 172, 241`, and `44, 72, 131` is the 20% darker color. If you saturate the color by 10%, you get `81, 106, 185`, and if you desaturate by 10%, it is `118, 134, 185`.

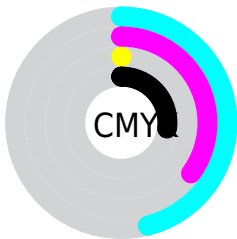
Distribution



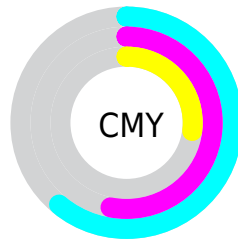
- Red (39%)
- Green (47%)
- Blue (73%)



- Red (39%)
- Yellow (45%)
- Blue (73%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (61%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 120, 185 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 99, 120, 185 by changing the saturation by 10% instead.

■ 99, 120, 185

■ 99, 120, 185

255, 255, 255

■ 72, 95, 158

■ 154, 172, 241

■ 44, 72, 131

■ 182, 199, 255

■ 6, 50, 106

■ 210, 227, 255

■ 0, 29, 81

■ 239, 255, 255

■ 0, 2, 58

■ 0, 2, 36

■ 0, 0, 11

■ 0, 0, 0

■ 99, 120, 185

■ 99, 120, 185

■ 81, 106, 185

■ 118, 134, 185

■ 62, 92, 185

■ 136, 148, 185

■ 44, 78, 185

■ 155, 162, 185

■ 25, 64, 185

■ 173, 176, 185

■ 6, 50, 185

■ 192, 190, 185

■ 0, 45, 185

■ 210, 204, 185

■ 229, 218, 185

■ 247, 232, 185

■ 255, 246, 185

Harmonies

Analogous

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



4, 130, 185



99, 120, 185



146, 107, 168

Triad

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



99, 120, 185



176, 103, 78



37, 138, 105

Complementary

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



99, 120, 185



185, 164, 99

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.



89, 134, 75



99, 120, 185



156, 115, 59

Square

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



99, 120, 185



184, 96, 107



126, 126, 57



0, 139, 138

Rectangle

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



99, 120, 185



167, 100, 150



126, 126, 57



58, 137, 94

Sweetspot

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



99, 120, 185



206, 214, 240



99, 185, 163



99, 104, 120



247, 247, 247



120, 120, 120

Same Dimension

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



99, 120, 185



105, 138, 240



121, 99, 185



83, 85, 92



0, 38, 156



0, 7, 28

Inverse Universe

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



185, 99, 120



240, 105, 138



163, 185, 99



92, 83, 85



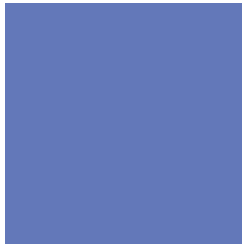
156, 0, 38



28, 0, 7

Previews

White Background



This preview shows how the RGB color 99, 120, 185 looks on a white background.

Color Contrast Check

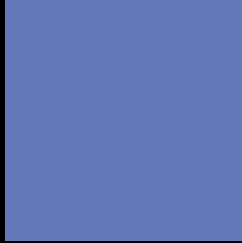
Large Text (above 18pt) WCAG AA ✓ Pass

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 99, 120, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

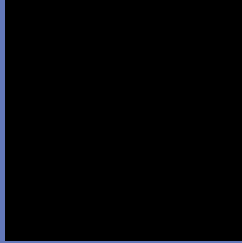
Any Text WCAG AA ✓ Pass

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 99, 120, 185 Background



This preview shows how black text looks on a background with the RGB color 99, 120, 185.



This preview shows how white text looks on a background with the RGB color 99, 120, 185.

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
99, 120, 185

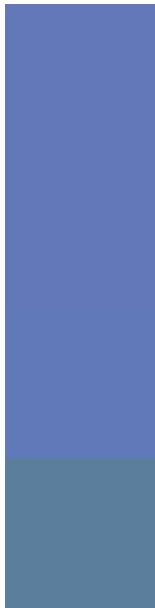
Protanopia
99, 120, 185

Deuteranopia
92, 122, 185



Tritanopia
86, 129, 140

Trichromacy



Original Color

99, 120, 185

Protanomaly

99, 120, 185

Deuteranomaly

95, 121, 185

Tritanomaly

91, 126, 156

Monochromacy



Original Color

99, 120, 185

Achromatopsia

121, 121, 121

Achromatomaly

113, 121, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 120, 185 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(99, 120, 185)` looks like.

```
.text, #text, p{  
    color:rgb(99, 120, 185)  
}
```

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(99, 120, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 120, 185) }
```

Border

The CSS property to change the border of an element to RGB 99, 120, 185 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(99, 120, 185) }
```

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

```
.border{ border-color:rgb(99, 120, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 120, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 120, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 120, 185);  
box-shadow:4px 4px 4px 4px rgb(99, 120,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 99, 120, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 120, 185) }
```

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

```
.background{ background-color: rgb(99, 120,  
185) }
```

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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