

Converting Colors

RGB(120, 150, 186)

Have a look what the booklet for
RGB(120, 150, 186) contains.

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Color

RGB(120, 150, 186)

Conversions

Conversions Part 1

Format	Color
Hex	7896BA
RGB	120, 150, 186
RGB Percent	47%, 59%, 73%
CMY	0.5294, 0.4118, 0.2706
CMYK	0.35, 0.19, 0.00, 0.27
HSL	213°, 32%, 60%
HSV	213°, 35%, 73%
XYZ	27.5150, 29.3509, 50.6695
YIQ	145.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

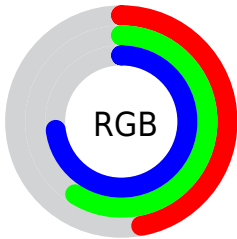
Format	Color
R _Y B	120, 141, 186
Decimal	7902906
CIE Lab	61.09, -1.52, -22.07
CIE LCh	61, 22.124, 266.049
Yxy	29.3509, 0.2559, 0.2729
Android (android.graphics.Color)	4286092986 (0xFF7896BA)
YUV	145.1340, 20.1469, -22.0425
Hunter-Lab	54.1765, -4.1528, -17.5284

Details

The RGB color **120, 150, 186** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **186, 156, 120**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **174, 204, 242**, and **68, 99, 133** is the 20% darker color. If you saturate the color by 10%, you get **101, 140, 186**, and if you desaturate by 10%, it is **139, 160, 186**.

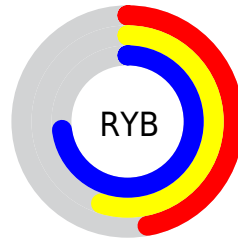
Distribution



Red (47%)

Green (59%)

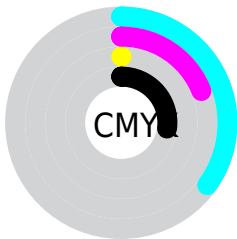
Blue (73%)



Red (47%)

Yellow (55%)

Blue (73%)

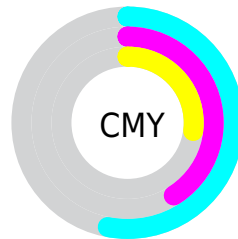


Cyan (35%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (53%)


Magenta (41%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 150, 186 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 120, 150, 186 by changing the saturation by 10% instead.

 120, 150, 186


255, 255, 255

 174, 204, 242

 202, 232, 255

 231, 255, 255

 120, 150, 186

 94, 124, 159


 68, 99, 133

 43, 76, 107

 14, 53, 83

 0, 32, 60

 0, 8, 38

 0, 1, 15

 0, 0, 0

 120, 150, 186

 120, 150, 186

■ 101, 140, 186

■ 139, 160, 186

■ 83, 130, 186

■ 157, 170, 186

■ 64, 120, 186

■ 176, 180, 186

■ 46, 109, 186

■ 194, 191, 186

■ 27, 99, 186

■ 213, 201, 186

■ 8, 89, 186

■ 232, 211, 186

■ 0, 85, 186

■ 250, 221, 186

■ 255, 231, 186

■ 255, 241, 186

Harmonies

Analogous

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



97, 155, 179



120, 150, 186



147, 143, 182

Triad

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



120, 150, 186



187, 134, 131



121, 156, 125

Complementary

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



120, 150, 186



186, 156, 120

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.



144, 151, 112



120, 150, 186



180, 139, 116

Square

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



120, 150, 186



184, 134, 151



164, 145, 109



101, 158, 144

Rectangle

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



120, 150, 186



163, 139, 175



164, 145, 109



129, 155, 120

Sweetspot

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



120, 150, 186



216, 228, 242



120, 186, 155



106, 114, 122



250, 250, 250



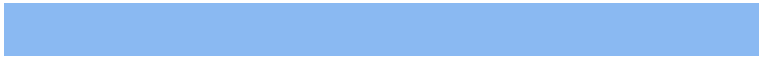
122, 122, 122

Same Dimension

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



120, 150, 186



138, 185, 242



122, 120, 186



83, 87, 92



0, 71, 156



0, 13, 28

Inverse Universe

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



186, 120, 150



242, 138, 185



184, 186, 120



92, 83, 87



156, 0, 71



28, 0, 13

Previews

White Background



This preview shows how the RGB color 120, 150, 186 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 120, 150, 186 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

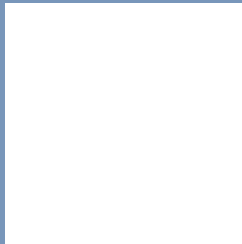
Any Text WCAG AAA × Fail

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

RGB 120, 150, 186 Background



This preview shows how black text looks on a background with the RGB color 120, 150, 186.



This preview shows how white text looks on a background with the RGB color 120, 150, 186.

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
120, 150, 186

Protanopia
138, 146, 183

Deuteranopia
140, 144, 187



Tritanopia
115, 154, 166

Trichromacy



Original Color
120, 150, 186

Protanomaly
131, 147, 184

Deuteranomaly
133, 146, 187

Tritanomaly
117, 153, 173

Monochromacy



Original Color
120, 150, 186

Achromatopsia
145, 145, 145

Achromatomaly
136, 147, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 150, 186 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(120, 150, 186)` looks like.

```
.text, #text, p{  
    color:rgb(120, 150, 186)  
}
```

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(120, 150, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 150, 186) }
```

Border

The CSS property to change the border of an element to RGB 120, 150, 186 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(120, 150, 186) }
```

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

```
.border{ border-color:rgb(120, 150, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 150, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 150, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 150, 186);  
box-shadow:4px 4px 4px 4px rgb(120, 150,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 120, 150, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 150, 186) }
```

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

```
.background{ background-color: rgb(120,  
150, 186) }
```

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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