

Converting Colors

RGB(123, 144, 189)

Have a look what the booklet for
RGB(123, 144, 189) contains.

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Color

RGB(123, 144, 189)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7B90BD |
| RGB | 123, 144, 189 |
| RGB Percent | 48%, 56%, 74% |
| CMY | 0.5176, 0.4353, 0.2588 |
| CMYK | 0.35, 0.24, 0.00, 0.26 |
| HSL | 221°, 33%, 61% |
| HSV | 221°, 35%, 74% |
| XYZ | 27.3269, 27.8316, 52.0759 |
| YIQ | 142.8510, -26.9610, 9.5430 |

Conversions

Conversions Part 2

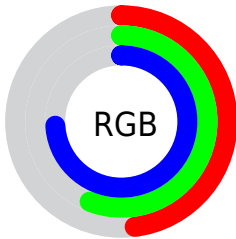
| Format | Color |
|-------------------------------------|---|
| RYB | 123, 139, 189 |
| Decimal | 8097981 |
| CIELab | 59.74, 3.56, -25.83 |
| CIElCh | 60, 26.071, 277.839 |
| Yxy | 27.8316, 0.2548, 0.2595 |
| Android (android.graphics.Color) | 4286288061 (0xFF7B90BD) |
| YUV | 142.8510, 22.7515, -17.4093 |
| Hunter-Lab | 52.7557, 0.1390, -21.5970 |

Details

The RGB color **123, 144, 189** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **189, 168, 123**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **177, 198, 245**, and **71, 94, 136** is the 20% darker color. If you saturate the color by 10%, you get **104, 131, 189**, and if you desaturate by 10%, it is **142, 157, 189**.

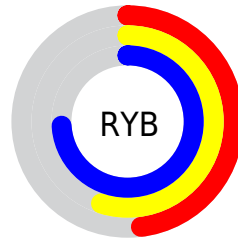
Distribution



Red (48%)

Green (56%)

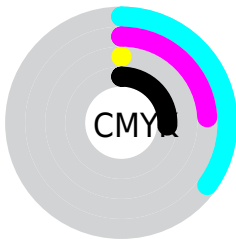
Blue (74%)



Red (48%)

Yellow (55%)

Blue (74%)

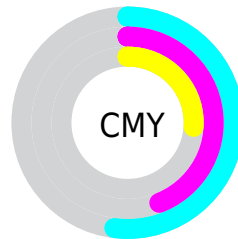


Cyan (35%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (52%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 144, 189 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 123, 144, 189 by changing the saturation by 10% instead.

 123, 144, 189


255, 255, 255

 177, 198, 245

 205, 226, 255

 234, 254, 255

 123, 144, 189


 97, 118, 162


 71, 94, 136

 46, 70, 110

 18, 48, 85

 0, 28, 62


 0, 1, 40


 0, 1, 18


 0, 0, 0


 123, 144, 189


 123, 144, 189


 104, 131, 189

 142, 157, 189

 85, 118, 189

 161, 170, 189

 66, 105, 189

 180, 183, 189

 47, 92, 189

 199, 196, 189

 28, 80, 189

 218, 208, 189

 10, 67, 189

 236, 221, 189

 0, 60, 189

 255, 234, 189

 255, 247, 189

 255, 255, 189

Harmonies

Analogous

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



90, 151, 186



123, 144, 189



155, 136, 180

Triad

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



123, 144, 189



188, 130, 117



102, 155, 126

Complementary

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



123, 144, 189



189, 168, 123

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.



129, 151, 107



123, 144, 189



175, 137, 102

Square

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



123, 144, 189



189, 127, 139



154, 144, 98



79, 157, 149

Rectangle

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



123, 144, 189



172, 131, 169



154, 144, 98



111, 154, 119

Sweetspot

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



123, 144, 189



220, 228, 245



123, 189, 167



108, 112, 122



250, 250, 250



122, 122, 122

Same Dimension

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



123, 144, 189



142, 175, 245



134, 123, 189



85, 88, 94



0, 50, 158



0, 10, 31

Inverse Universe

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



189, 123, 144



245, 142, 175



178, 189, 123



94, 85, 88



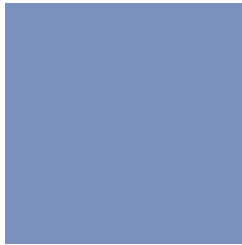
158, 0, 50



31, 0, 10

Previews

White Background



This preview shows how the RGB color 123, 144, 189 looks on a white background.

Color Contrast Check

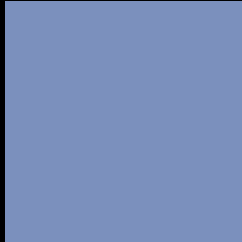
Large Text (above 18pt) WCAG AA ✓ Pass

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 123, 144, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

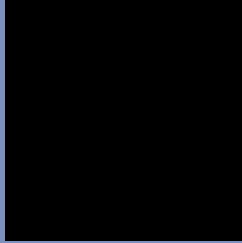
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

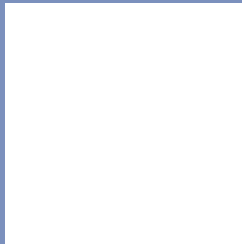
Any Text WCAG AAA × Fail

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

RGB 123, 144, 189 Background



This preview shows how black text looks on a background with the RGB color 123, 144, 189.



This preview shows how white text looks on a background with the RGB color 123, 144, 189.

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
123, 144, 189

Protanopia
131, 142, 187

Deuteranopia
132, 141, 190



Tritanopia
116, 149, 161

Trichromacy



Original Color
123, 144, 189

Protanomaly
128, 143, 188

Deuteranomaly
129, 142, 190

Tritanomaly
119, 147, 171

Monochromacy



Original Color
123, 144, 189

Achromatopsia
143, 143, 143

Achromatomaly
136, 143, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 144, 189 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(123, 144, 189)` looks like.

```
.text, #text, p{  
    color:rgb(123, 144, 189)  
}
```

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(123, 144, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 144, 189) }
```

Border

The CSS property to change the border of an element to RGB 123, 144, 189 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(123, 144, 189) }
```

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

```
.border{ border-color:rgb(123, 144, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 144, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 144, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 144, 189);  
box-shadow:4px 4px 4px 4px rgb(123, 144,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 123, 144, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 144, 189) }
```

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

```
.background{ background-color: rgb(123,  
144, 189) }
```

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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