

# Converting Colors

RGB(126, 156, 199)

Have a look what the booklet for  
RGB(126, 156, 199) contains.

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# **Color**

**RGB(126, 156, 199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E9CC7
RGB	126, 156, 199
RGB Percent	49%, 61%, 78%
CMY	0.5059, 0.3882, 0.2196
CMYK	0.37, 0.22, 0.00, 0.22
HSL	215°, 39%, 64%
HSV	215°, 37%, 78%
XYZ	30.8015, 32.3361, 58.6509
YIQ	151.9320, -31.6830, 7.0130

# Conversions

## Conversions Part 2

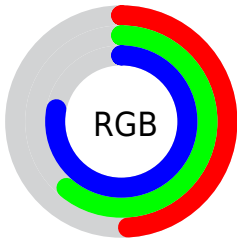
Format	Color
R <sub>Y</sub> B	126, 147, 199
Decimal	8297671
CIE Lab	63.62, 0.25, -25.45
CIE LCh	64, 25.456, 270.561
Yxy	32.3361, 0.2529, 0.2655
Android (android.graphics.Color)	4286487751 (0xFF7E9CC7)
YUV	151.9320, 23.2045, -22.7424
Hunter-Lab	56.8648, -2.8269, -21.3469

# Details

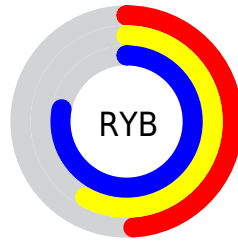
The RGB color **126, 156, 199** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **199, 169, 126**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **181, 210, 255**, and **74, 105, 145** is the 20% darker color. If you saturate the color by 10%, you get **106, 144, 199**, and if you desaturate by 10%, it is **146, 168, 199**.

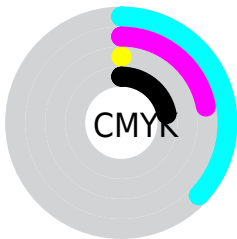
# Distribution



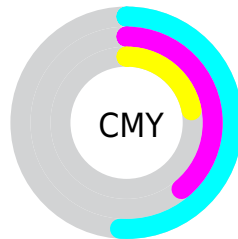
- Red (49%)
- Green (61%)
- Blue (78%)



- Red (49%)
- Yellow (58%)
- Blue (78%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (39%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 126, 156, 199 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 126, 156, 199 by changing the saturation by 10% instead.



 126, 156, 199

255, 255, 255


 181, 210, 255

 209, 239, 255


 238, 255, 255

 126, 156, 199

 100, 130, 172


 74, 105, 145

 47, 81, 119

 18, 58, 94

 0, 37, 70

 0, 15, 48

 0, 1, 27


 0, 0, 0

 126, 156, 199


 126, 156, 199

 106, 144, 199


 146, 168, 199

 86, 133, 199

 166, 179, 199

 66, 121, 199


 186, 191, 199

 46, 109, 199

 206, 203, 199

 27, 97, 199

 226, 215, 199

 7, 86, 199

 245, 226, 199

 0, 82, 199

 255, 238, 199

 255, 250, 199

 255, 255, 199

# Harmonies

## Analogous

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



97, 162, 193



126, 156, 199



158, 148, 193

# Triad

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



126, 156, 199



199, 139, 132



120, 165, 131

# Complementary

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



126, 156, 199



199, 169, 126

# 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.



146, 160, 115



126, 156, 199



189, 145, 115

# Square

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



126, 156, 199



198, 137, 154



170, 153, 109



96, 167, 154

# Rectangle

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



126, 156, 199



176, 143, 183



170, 153, 109



128, 163, 125



# Sweetspot

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



126, 156, 199



227, 238, 255



126, 199, 169



111, 118, 128



0, 0, 0



128, 128, 128

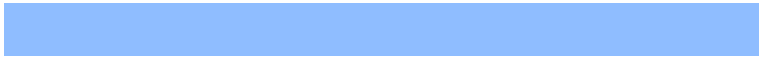


# Same Dimension

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



126, 156, 199



143, 189, 255



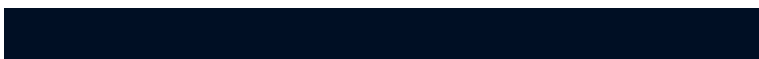
132, 126, 199



90, 94, 99



0, 67, 163



0, 15, 36



# Inverse Universe

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



199, 126, 156



255, 143, 189



193, 199, 126



99, 90, 94



163, 0, 67

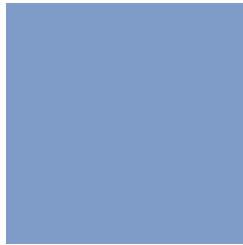


36, 0, 15



# Previews

## White Background



This preview shows how the RGB color 126, 156, 199 looks on a white background.

## Color Contrast Check

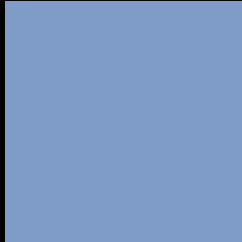
Large Text (above 18pt) WCAG AA × Fail

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 126, 156, 199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

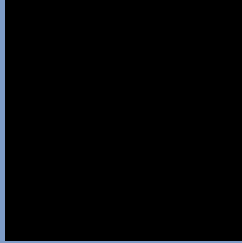
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

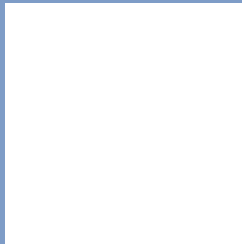
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 126, 156, 199 Background



This preview shows how black text looks on a background with the RGB color 126, 156, 199.

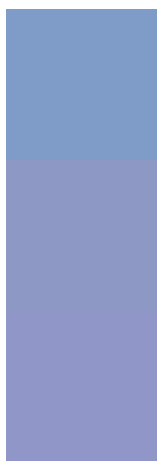


This preview shows how white text looks on a background with the RGB color 126, 156, 199.

# 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


126, 156, 199

### Protanopia

142, 152, 196

### Deuteranopia

144, 151, 200



**Tritanopia**  
120, 161, 173

# Trichromacy



**Original Color**  
126, 156, 199

**Protanomaly**  
136, 153, 197

**Deuteranomaly**  
137, 153, 200

**Tritanomaly**  
122, 159, 182

# Monochromacy



**Original Color**  
126, 156, 199

**Achromatopsia**  
152, 152, 152

**Achromatomaly**  
143, 153, 169

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 126, 156, 199 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(126, 156, 199)` looks like.

```
.text, #text, p{  
    color:rgb(126, 156, 199)  
}
```

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(126, 156, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 156, 199) }
```

## Border

The CSS property to change the border of an element to RGB 126, 156, 199 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(126, 156, 199) }
```

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

```
.border{ border-color:rgb(126, 156, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 156, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 156, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 156, 199);  
box-shadow:4px 4px 4px 4px rgb(126, 156,  
199) }
```

# Background

The CSS property to change the background color of an element to RGB 126, 156, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 156, 199) }
```

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

```
.background{ background-color: rgb(126,  
156, 199) }
```

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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