

# Converting Colors

RGB(126, 145, 217)

Have a look what the booklet for  
RGB(126, 145, 217) contains.

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# **Color**

**RGB(126, 145, 217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E91D9
RGB	126, 145, 217
RGB Percent	49%, 57%, 85%
CMY	0.5059, 0.4314, 0.1490
CMYK	0.42, 0.33, 0.00, 0.15
HSL	227°, 54%, 67%
HSV	227°, 42%, 85%
XYZ	31.2540, 29.6962, 69.7303
YIQ	147.5270, -34.4360, 18.3640

# Conversions

## Conversions Part 2

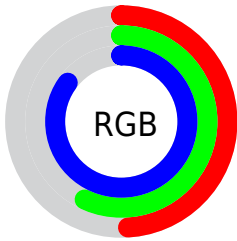
Format	Color
R <sub>Y</sub> B	126, 142, 217
Decimal	8294873
CIE Lab	61.39, 11.53, -38.96
CIE LCh	61, 40.629, 286.484
Yxy	29.6962, 0.2392, 0.2272
Android (android.graphics.Color)	4286484953 (0xFF7E91D9)
YUV	147.5270, 34.2502, -18.8792
Hunter-Lab	54.4942, 7.0100, -37.7211

# Details

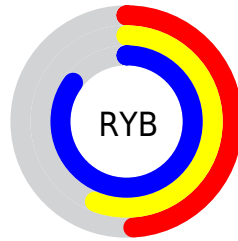
The RGB color **126, 145, 217** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **217, 198, 126**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **182, 199, 255**, and **71, 95, 162** is the 20% darker color. If you saturate the color by 10%, you get **104, 128, 217**, and if you desaturate by 10%, it is **148, 162, 217**.

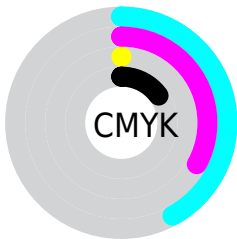
# Distribution



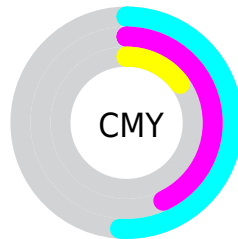
- Red (49%)
- Green (57%)
- Blue (85%)



- Red (49%)
- Yellow (56%)
- Blue (85%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (43%)
- Yellow (15%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 126, 145, 217 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, 145, 217 by changing the saturation by 10% instead.




 126, 145, 217


255, 255, 255


 182, 199, 255

 210, 227, 255

 240, 255, 255

 126, 145, 217

 99, 119, 189

 71, 95, 162

 42, 71, 135

 1, 49, 110

 0, 29, 85

 0, 2, 61


 0, 3, 39

 0, 1, 16


 0, 0, 0

 126, 145, 217

 126, 145, 217


 104, 128, 217

 148, 162, 217

 83, 111, 217

 169, 179, 217

 61, 93, 217

 191, 197, 217

 39, 76, 217

 213, 214, 217

 17, 59, 217

 235, 231, 217

 0, 45, 217

 255, 248, 217

 255, 255, 217

# Harmonies

## Analogous

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



49, 157, 218



126, 145, 217



177, 131, 198

# Triad

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



126, 145, 217



208, 128, 98



57, 166, 130

# Complementary

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



126, 145, 217



217, 198, 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.



110, 161, 97



126, 145, 217



185, 140, 78

# Square

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



126, 145, 217



217, 120, 130



151, 152, 77



0, 167, 167

# Rectangle

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



126, 145, 217



199, 124, 178



151, 152, 77



78, 165, 118



# Sweetspot

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



126, 145, 217



222, 229, 255



126, 217, 197



107, 111, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



126, 145, 217



128, 154, 255



152, 126, 217



99, 101, 110



0, 36, 173



0, 10, 46



# Inverse Universe

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



217, 126, 145



255, 128, 154



191, 217, 126



110, 99, 101



173, 0, 36

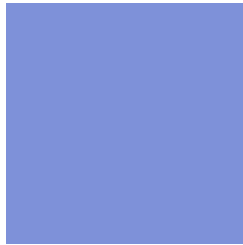


46, 0, 10



# Previews

## White Background



This preview shows how the RGB color 126, 145, 217 looks on a white background.

## Color Contrast Check

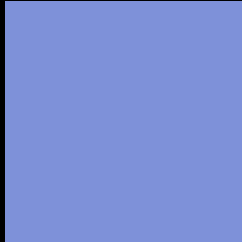
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 145, 217 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 126, 145, 217 Background



This preview shows how black text looks on a background with the RGB color 126, 145, 217.



This preview shows how white text looks on a background with the RGB color 126, 145, 217.

# 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, 145, 217

### Protanopia

124, 145, 217

### Deuteranopia

119, 147, 217



**Tritanopia**  
113, 155, 167

# Trichromacy



**Original Color**  
126, 145, 217

**Protanomaly**  
125, 145, 217

**Deuteranomaly**  
122, 146, 217

**Tritanomaly**  
118, 151, 185

# Monochromacy



**Original Color**  
126, 145, 217

**Achromatopsia**  
148, 148, 148

**Achromatomaly**  
140, 147, 173

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 126, 145, 217 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, 145, 217)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 217)  
}
```

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, 145, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 217) }
```

## Border

The CSS property to change the border of an element to RGB 126, 145, 217 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, 145, 217) }
```

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

```
.border{ border-color:rgb(126, 145, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 145, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 145, 217); box-shadow:4px 4px 4px 4px rgb(126, 145, 217) }
```

# Background

The CSS property to change the background color of an element to RGB 126, 145, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 217) }
```

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

```
.background{ background-color: rgb(126,  
145, 217) }
```

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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