

Converting Colors

RGB(124, 128, 209)

Have a look what the booklet for
RGB(124, 128, 209) contains.

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Color

RGB(124, 128, 209)

Conversions

Conversions Part 1

Format	Color
Hex	7C80D1
RGB	124, 128, 209
RGB Percent	49%, 50%, 82%
CMY	0.5137, 0.4980, 0.1804
CMYK	0.41, 0.39, 0.00, 0.18
HSL	237°, 48%, 65%
HSV	237°, 41%, 82%
XYZ	27.5400, 24.3269, 63.5656
YIQ	136.0380, -28.3850, 24.3430

Conversions

Conversions Part 2

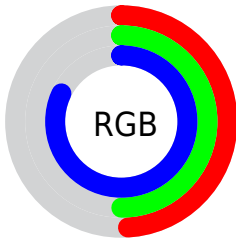
Format	Color
RYB	124, 128, 209
Decimal	8159441
CIELab	56.41, 18.73, -42.30
CIELCh	56, 46.265, 293.885
Yxy	24.3269, 0.2386, 0.2107
Android (android.graphics.Color)	4286349521 (0xFF7C80D1)
YUV	136.0380, 35.9703, -10.5573
Hunter-Lab	49.3223, 13.3546, -41.8862

Details

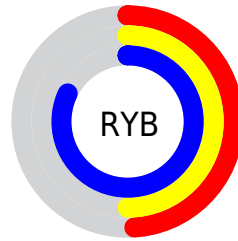
The RGB color **124, 128, 209** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **209, 205, 124**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **180, 181, 255**, and **70, 79, 154** is the 20% darker color. If you saturate the color by 10%, you get **103, 108, 209**, and if you desaturate by 10%, it is **145, 148, 209**.

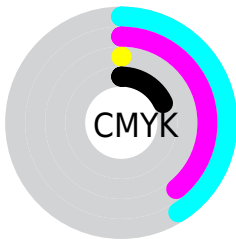
Distribution



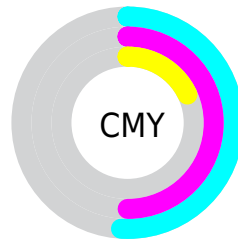
- Red (49%)
- Green (50%)
- Blue (82%)



- Red (49%)
- Yellow (50%)
- Blue (82%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 128, 209 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 124, 128, 209 by changing the saturation by 10% instead.

 124, 128, 209


255, 255, 255

 180, 181, 255

 208, 208, 255


 237, 236, 255


 124, 128, 209

 97, 103, 181

 70, 79, 154

 41, 56, 128

 1, 35, 102


 0, 16, 78

 0, 2, 54

 0, 2, 32

 0, 0, 4

 0, 0, 0


 124, 128, 209


 124, 128, 209

 103, 108, 209

 145, 148, 209

 82, 88, 209

 166, 168, 209

 61, 68, 209


 187, 188, 209

 40, 48, 209

 208, 208, 209

 19, 28, 209

 228, 228, 209

 0, 10, 209

 249, 247, 209

 255, 255, 209

Harmonies

Analogous

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



6, 142, 215



124, 128, 209



177, 112, 183

Triad

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



124, 128, 209



195, 115, 71



0, 155, 125

Complementary

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



124, 128, 209



209, 205, 124

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.



77, 151, 86



124, 128, 209



165, 130, 52

Square

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



124, 128, 209



210, 103, 105



126, 143, 58



0, 155, 167

Rectangle

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



124, 128, 209



198, 104, 159



126, 143, 58



11, 154, 112

Sweetspot

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



124, 128, 209



224, 226, 255



124, 209, 205



110, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 128, 209



130, 136, 255



162, 124, 209



94, 95, 105



0, 8, 168



0, 2, 41

Inverse Universe

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



209, 124, 128



255, 130, 136



171, 209, 124



105, 94, 95



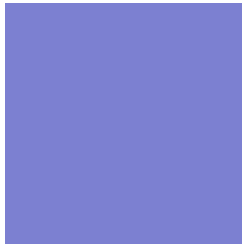
168, 0, 8



41, 0, 2

Previews

White Background



This preview shows how the RGB color 124, 128, 209 looks on a white background.

Color Contrast Check

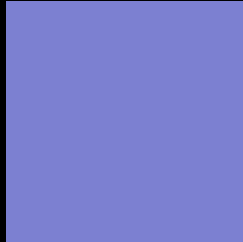
Large Text (above 18pt) WCAG AA ✓ Pass

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 124, 128, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

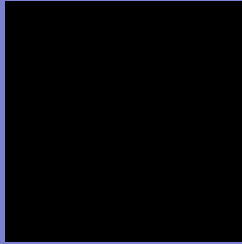
Any Text WCAG AA ✓ Pass

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 124, 128, 209 Background



This preview shows how black text looks on a background with the RGB color 124, 128, 209.



This preview shows how white text looks on a background with the RGB color 124, 128, 209.

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
124, 128, 209

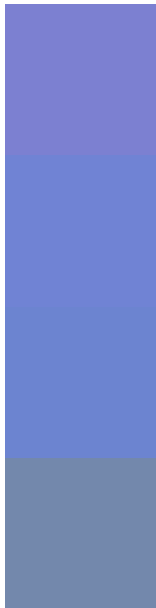
Protanopia
105, 132, 213

Deuteranopia
99, 135, 208



Tritanopia
110, 140, 151

Trichromacy



Original Color
124, 128, 209

Protanomaly
112, 131, 212

Deuteranomaly
108, 132, 208

Tritanomaly
115, 136, 172

Monochromacy



Original Color
124, 128, 209

Achromatopsia
136, 136, 136

Achromatomaly
132, 133, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 128, 209 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(124, 128, 209)` looks like.

```
.text, #text, p{  
    color:rgb(124, 128, 209)  
}
```

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(124, 128, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 128, 209) }
```

Border

The CSS property to change the border of an element to RGB 124, 128, 209 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(124, 128, 209) }
```

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

```
.border{ border-color:rgb(124, 128, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 128, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 128, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 128, 209);  
box-shadow:4px 4px 4px 4px rgb(124, 128,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 124, 128, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 128, 209) }
```

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

```
.background{ background-color: rgb(124,  
128, 209) }
```

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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