

Converting Colors

RGB(125, 134, 204)

Have a look what the booklet for
RGB(125, 134, 204) contains.

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Color

RGB(125, 134, 204)

Conversions

Conversions Part 1

Format	Color
Hex	7D86CC
RGB	125, 134, 204
RGB Percent	49%, 53%, 80%
CMY	0.5098, 0.4745, 0.2000
CMYK	0.39, 0.34, 0.00, 0.20
HSL	233°, 44%, 65%
HSV	233°, 39%, 80%
XYZ	27.8816, 25.7698, 60.6313
YIQ	139.2890, -27.8340, 19.8620

Conversions

Conversions Part 2

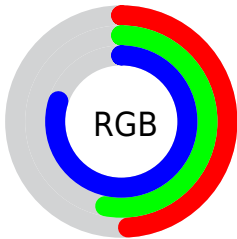
Format	Color
R_{YB}	125, 133, 204
Decimal	8226508
CIE _{Lab}	57.82, 14.04, -37.27
CIE _{LCh}	58, 39.827, 290.646
Yxy	25.7698, 0.2440, 0.2255
Android (android.graphics.Color)	4286416588 (0xFF7D86CC)
YUV	139.2890, 31.9025, -12.5315
Hunter-Lab	50.7640, 9.2025, -35.2798

Details

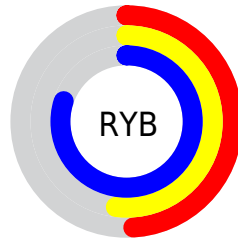
The RGB color **125, 134, 204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **204, 195, 125**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **180, 187, 255**, and **72, 85, 149** is the 20% darker color. If you saturate the color by 10%, you get **105, 116, 204**, and if you desaturate by 10%, it is **145, 152, 204**.

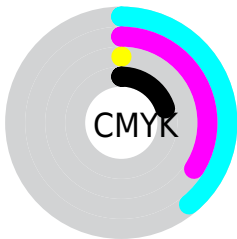
Distribution



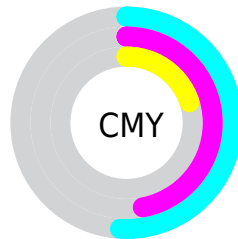
- Red (49%)
- Green (53%)
- Blue (80%)



- Red (49%)
- Yellow (52%)
- Blue (80%)



- Cyan (39%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 134, 204 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 125, 134, 204 by changing the saturation by 10% instead.

 125, 134, 204


255, 255, 255

 180, 187, 255

 208, 215, 255


 237, 243, 255

 125, 134, 204

 98, 109, 176

 72, 85, 149

 44, 62, 123

 11, 40, 98

 0, 20, 74

 0, 1, 51

 0, 2, 29

 0, 0, 0


 125, 134, 204

 125, 134, 204

 105, 116, 204

 145, 152, 204

 84, 98, 204

 166, 170, 204

 64, 80, 204

 186, 188, 204

 43, 62, 204

 207, 206, 204

 23, 44, 204

 227, 224, 204

 3, 26, 204

 247, 242, 204

 0, 23, 204

 255, 255, 204

Harmonies

Analogous

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



54, 146, 207



125, 134, 204



172, 121, 183

Triad

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



125, 134, 204



194, 121, 86



37, 156, 126

Complementary

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



125, 134, 204



204, 195, 125

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.



96, 152, 93



125, 134, 204



170, 133, 69

Square

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



125, 134, 204



205, 112, 116



136, 144, 72



0, 157, 162

Rectangle

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



125, 134, 204



192, 114, 163



136, 144, 72



62, 155, 115

Sweetspot

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



125, 134, 204



224, 228, 255



125, 204, 195



110, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 134, 204



138, 151, 255



155, 125, 204



92, 93, 102



0, 19, 166



0, 4, 38

Inverse Universe

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



204, 125, 134



255, 138, 151



174, 204, 125



102, 92, 93



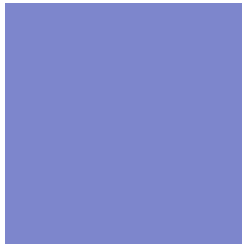
166, 0, 19



38, 0, 4

Previews

White Background



This preview shows how the RGB color 125, 134, 204 looks on a white background.

Color Contrast Check

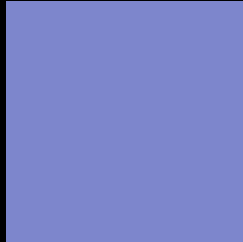
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 134, 204 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 125, 134, 204 Background



This preview shows how black text looks on a background with the RGB color 125, 134, 204.



This preview shows how white text looks on a background with the RGB color 125, 134, 204.

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
125, 134, 204

Protanopia
115, 136, 206

Deuteranopia
112, 138, 203



Tritanopia
113, 144, 155

Trichromacy



Original Color
125, 134, 204

Protanomaly
119, 135, 205

Deuteranomaly
117, 137, 203

Tritanomaly
117, 140, 173

Monochromacy



Original Color
125, 134, 204

Achromatopsia
139, 139, 139

Achromatomaly
134, 137, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 134, 204 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(125, 134, 204)` looks like.

```
.text, #text, p{  
    color:rgb(125, 134, 204)  
}
```

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(125, 134, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 134, 204) }
```

Border

The CSS property to change the border of an element to RGB 125, 134, 204 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(125, 134, 204) }
```

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

```
.border{ border-color:rgb(125, 134, 204) }
```

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

Here you see how a box with a 4 pixel rgb(125, 134, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 134, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 134, 204);  
box-shadow:4px 4px 4px 4px rgb(125, 134,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 125, 134, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 134, 204) }
```

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

```
.background{ background-color: rgb(125,  
134, 204) }
```

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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