

Converting Colors

RGB(133, 163, 208)

Have a look what the booklet for
RGB(133, 163, 208) contains.

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Color

RGB(133, 163, 208)

Conversions

Conversions Part 1

Format	Color
Hex	85A3D0
RGB	133, 163, 208
RGB Percent	52%, 64%, 82%
CMY	0.4784, 0.3608, 0.1843
CMYK	0.36, 0.22, 0.00, 0.18
HSL	216°, 44%, 67%
HSV	216°, 36%, 82%
XYZ	34.1552, 35.7350, 64.7719
YIQ	159.1600, -32.3250, 7.6350

Conversions

Conversions Part 2

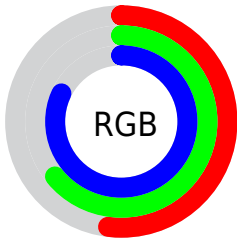
Format	Color
RYB	133, 154, 208
Decimal	8758224
CIELab	66.32, 0.66, -26.28
CIELCh	66, 26.288, 271.441
Yxy	35.7350, 0.2536, 0.2654
Android (android.graphics.Color)	4286948304 (0xFF85A3D0)
YUV	159.1600, 24.0781, -22.9423
Hunter-Lab	59.7788, -2.6250, -22.3972

Details

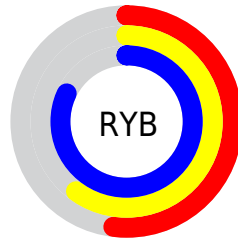
The RGB color **133, 163, 208** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **208, 178, 133**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **188, 218, 255**, and **80, 112, 153** is the 20% darker color. If you saturate the color by 10%, you get **112, 151, 208**, and if you desaturate by 10%, it is **154, 175, 208**.

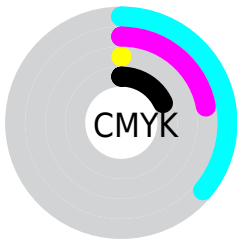
Distribution



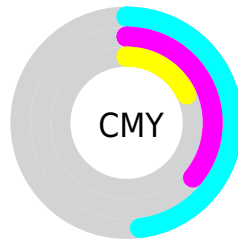
- Red (52%)
- Green (64%)
- Blue (82%)



- Red (52%)
- Yellow (60%)
- Blue (82%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (48%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 163, 208 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 133, 163, 208 by changing the saturation by 10% instead.


 133, 163, 208


255, 255, 255


 188, 218, 255

 216, 246, 255

 245, 255, 255

 133, 163, 208

 106, 137, 180

 80, 112, 153

 54, 87, 127

 26, 64, 102

 0, 42, 78

 0, 22, 55

 0, 2, 33

 0, 0, 7

 0, 0, 0

■ 133, 163, 208

■ 133, 163, 208

■ 112, 151, 208

■ 154, 175, 208

■ 91, 138, 208

■ 175, 188, 208

■ 71, 126, 208

■ 195, 200, 208

■ 50, 113, 208

■ 216, 213, 208

■ 29, 101, 208

■ 237, 225, 208

■ 8, 88, 208

■ 255, 238, 208

■ 0, 83, 208

■ 255, 250, 208

■ 255, 255, 208

Harmonies

Analogous

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



102, 170, 202



133, 163, 208



166, 155, 201

Triad

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



133, 163, 208



208, 146, 138



124, 172, 138

Complementary

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



133, 163, 208



208, 178, 133

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.



152, 167, 120



133, 163, 208



197, 152, 121

Square

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



133, 163, 208



207, 144, 161



177, 160, 114



100, 174, 162

Rectangle

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



133, 163, 208



185, 150, 191



177, 160, 114



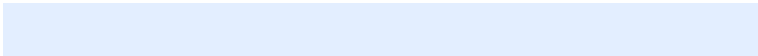
134, 171, 131

Sweetspot

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



133, 163, 208



227, 238, 255



133, 208, 178



111, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



133, 163, 208



145, 189, 255



140, 133, 208



94, 98, 105



0, 67, 168



0, 16, 41

Inverse Universe

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



208, 133, 163



255, 145, 189



201, 208, 133



105, 94, 98



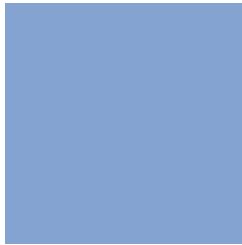
168, 0, 67



41, 0, 16

Previews

White Background



This preview shows how the RGB color 133, 163, 208 looks on a white background.

Color Contrast Check

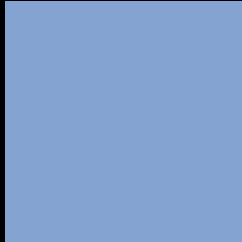
Large Text (above 18pt) WCAG AA × Fail

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 133, 163, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

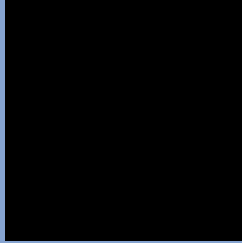
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

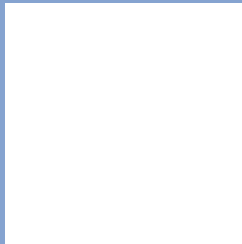
Any Text WCAG AAA ✓ Pass

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

RGB 133, 163, 208 Background



This preview shows how black text looks on a background with the RGB color 133, 163, 208.



This preview shows how white text looks on a background with the RGB color 133, 163, 208.

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
133, 163, 208

Protanopia
149, 159, 205

Deuteranopia
151, 158, 209



Tritanopia
127, 168, 181

Trichromacy



Original Color
133, 163, 208

Protanomaly
143, 160, 206

Deuteranomaly
144, 160, 209

Tritanomaly
129, 166, 191

Monochromacy



Original Color
133, 163, 208

Achromatopsia
159, 159, 159

Achromatomaly
150, 160, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 163, 208 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(133, 163, 208)` looks like.

```
.text, #text, p{  
    color:rgb(133, 163, 208)  
}
```

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(133, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 163, 208) }
```

Border

The CSS property to change the border of an element to RGB 133, 163, 208 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(133, 163, 208) }
```

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

```
.border{ border-color:rgb(133, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(133, 163,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 133, 163, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 163, 208) }
```

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

```
.background{ background-color: rgb(133,  
163, 208) }
```

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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