Converting Colors

RGB(133, 155, 197)

Have a look what the booklet for RGB(133, 155, 197) contains.

Color

RGB(133, 155, 197)

Conversions

Conversions Part 1

Format	Color
Hex	859BC5
RGB	133, 155, 197
RGB Percent	52%, 61%, 77%
CMY	0.4784, 0.3922, 0.2275
CMYK	0.32, 0.21, 0.00, 0.23
HSL	219°, 36%, 65%
HSV	219°, 32%, 77%
XYZ	31.4723, 32.4605, 57.4301
YIQ	153.2100, -26.5940, 8.3980

Conversions

Conversions Part 2

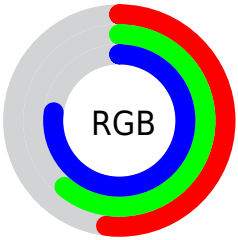
Format	Color
RYB	133, 149, 197
Decimal	8756165
CIELab	63.72, 2.28, -24.14
CIELCh	64, 24.250, 275.407
Yxy	32.4605, 0.2593, 0.2675
Android (android.graphics.Color)	4286946245 (0xFF859BC5)
YUV	153.2100, 21.5885, -17.7242
Hunter-Lab	56.9741, -1.1019, -19.8827

Details

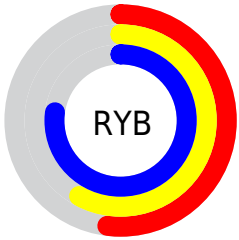
The RGB color 133, 155, 197 is a light color, and the websafe version is hex 6699CC. A complement of this color would be 197, 175, 133, and the grayscale version is 153, 153, 153.

A 20% lighter version of the original color is 188, 209, 254, and 81, 104, 143 is the 20% darker color. If you saturate the color by 10%, you get 113, 142, 197, and if you desaturate by 10%, it is 153, 168, 197.

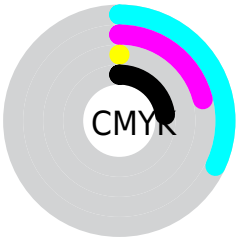
Distribution



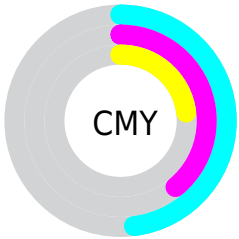
- Red (52%)
- Green (61%)
- Blue (77%)



- Red (52%)
- Yellow (58%)
- Blue (77%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)



- Cyan (48%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 155, 197 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, 155, 197 by changing the saturation by 10% instead.

133, 155, 197

255, 255, 255

188, 209, 254

216, 238, 255

245, 255, 255

133, 155, 197

107, 129, 170

81, 104, 143

56, 80, 117

30, 57, 93

0, 36, 69

0, 14, 46

0, 1, 25

0, 0, 0

133, 155, 197

133, 155, 197

113, 142, 197	153, 168, 197
94, 129, 197	172, 181, 197
74, 116, 197	192, 194, 197
54, 103, 197	212, 207, 197
35, 90, 197	232, 220, 197
15, 77, 197	251, 233, 197
0, 68, 197	255, 245, 197
	255, 255, 197

Harmonies

Analogous

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

105, 161, 193

133, 155, 197

163, 147, 190

Triad

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

133, 155, 197

197, 141, 130

118, 165, 136

Complementary

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

133, 155, 197

197, 175, 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.

142, 161, 119

133, 155, 197

185, 147, 116

Square

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

133, 155, 197

197, 139, 151

166, 154, 111

97, 167, 158

Rectangle

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

133, 155, 197

179, 143, 179

166, 154, 111

126, 164, 129

Sweetspot

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

133, 155, 197

230, 238, 255

133, 197, 175

112, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

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

133, 155, 197

156, 190, 255

143, 133, 197

90, 93, 99

0, 56, 163

0, 12, 36

Inverse Universe

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

197, 133, 155

255, 156, 190

187, 197, 133

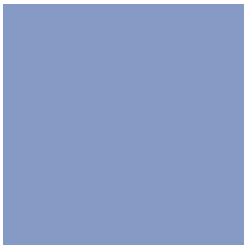
99, 90, 93

163, 0, 56

36, 0, 12

Previews

White Background

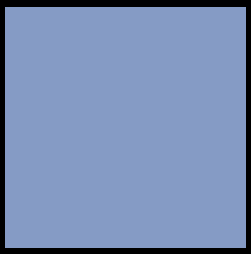


This preview shows how the RGB color 133, 155, 197 looks on a white background.

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



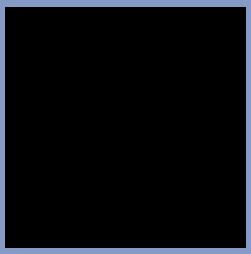
This preview shows how the RGB color 133, 155, 197 looks on a black background.

Color Contrast Check

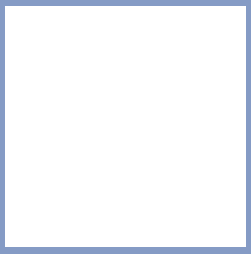
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 133, 155, 197 Background



This preview shows how black text looks on a background with the RGB color 133, 155, 197.

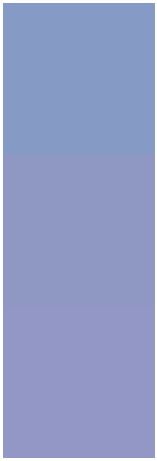


This preview shows how white text looks on a background with the RGB color 133, 155, 197.

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



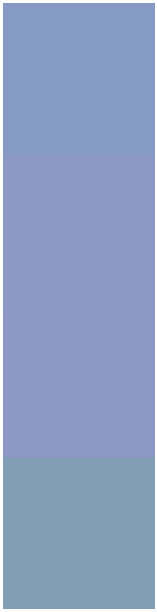
Original Color
133, 155, 197

Protanopia
143, 152, 195

Deuteranopia
146, 151, 198

Tritanopia
127, 159, 172

Trichromacy



Original Color
133, 155, 197

Protanomaly
139, 153, 196

Deuteranomaly
141, 152, 198

Tritanomaly
129, 158, 181

Monochromacy

Original Color
133, 155, 197

Achromatopsia
153, 153, 153

Achromatomaly
146, 154, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 155, 197 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, 155, 197) looks like.

```
.text, #text, p{
    color:rgb(133, 155, 197)
}
```

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, 155, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 155, 197) }
```

Border

The CSS property to change the border of an element to RGB 133, 155, 197 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, 155, 197) }
```

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

```
.border{ border-color:rgb(133, 155, 197) }
```

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

Here you see how a box with a 4 pixel rgb(133, 155, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 155, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 155, 197); box-shadow:4px 4px 4px 4px rgb(133, 155, 197) }
```

Background

The CSS property to change the background color of an element to RGB 133, 155, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(133, 155, 197) }
```

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

```
.background{ background-color:rgb(133,
155, 197) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor