

Converting Colors

RGB(138, 167, 197)

Have a look what the booklet for
RGB(138, 167, 197) contains.

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Color

RGB(138, 167, 197)

Conversions

Conversions Part 1

Format	Color
Hex	8AA7C5
RGB	138, 167, 197
RGB Percent	54%, 65%, 77%
CMY	0.4588, 0.3451, 0.2275
CMYK	0.30, 0.15, 0.00, 0.23
HSL	211°, 34%, 66%
HSV	211°, 30%, 77%
XYZ	34.3780, 37.0719, 58.1670
YIQ	161.7490, -26.9140, 3.1820

Conversions

Conversions Part 2

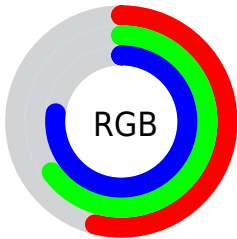
Format	Color
RYB	138, 157, 197
Decimal	9086917
CIELab	67.33, -2.94, -18.61
CIElCh	67, 18.838, 261.026
Yxy	37.0719, 0.2652, 0.2860
Android (android.graphics.Color)	4287276997 (0xFF8AA7C5)
YUV	161.7490, 17.3787, -20.8279
Hunter-Lab	60.8867, -5.7667, -14.0209

Details

The RGB color **138, 167, 197** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **197, 168, 138**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **193, 222, 254**, and **86, 115, 143** is the 20% darker color. If you saturate the color by 10%, you get **118, 157, 197**, and if you desaturate by 10%, it is **158, 177, 197**.

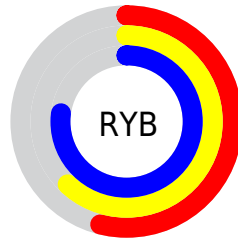
Distribution



Red (54%)

Green (65%)

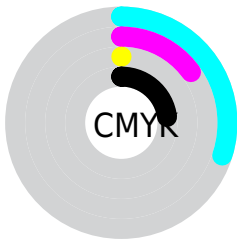
Blue (77%)



Red (54%)

Yellow (62%)

Blue (77%)

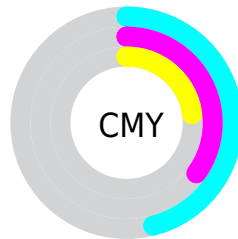


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (46%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 167, 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 138, 167, 197 by changing the saturation by 10% instead.


 138, 167, 197


255, 255, 255


 193, 222, 254


 221, 251, 255

 250, 255, 255

 138, 167, 197

 112, 141, 170

 86, 115, 143

 61, 91, 118


 36, 67, 93

 8, 45, 69

 0, 25, 47

 0, 1, 26

 0, 0, 0

 138, 167, 197

 138, 167, 197

■ 118, 157, 197

■ 158, 177, 197

■ 99, 147, 197

■ 177, 187, 197

■ 79, 137, 197

■ 197, 197, 197

■ 59, 127, 197

■ 217, 207, 197

■ 40, 117, 197

■ 237, 217, 197

■ 20, 107, 197

■ 255, 227, 197

■ 0, 97, 197

■ 255, 237, 197

■ 0, 97, 197

■ 255, 247, 197

■ 255, 255, 197

Harmonies

Analogous

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



122, 171, 190



138, 167, 197



160, 161, 195

Triad

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



138, 167, 197



199, 152, 152



145, 171, 142

Complementary

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



138, 167, 197



197, 168, 138

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.



164, 167, 132



138, 167, 197



195, 156, 138

Square

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



138, 167, 197



195, 152, 170



182, 161, 131



128, 173, 158

Rectangle

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



138, 167, 197



175, 158, 190



182, 161, 131



151, 170, 138

Sweetspot

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



138, 167, 197



232, 243, 255



138, 197, 168



113, 120, 128



0, 0, 0



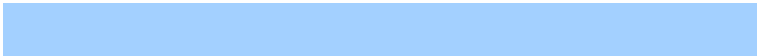
128, 128, 128

Same Dimension

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



138, 167, 197



163, 208, 255



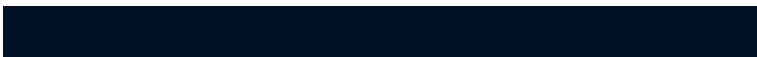
138, 138, 197



90, 94, 99



0, 80, 163



0, 18, 36

Inverse Universe

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



197, 138, 167



255, 163, 208



197, 197, 138



99, 90, 94



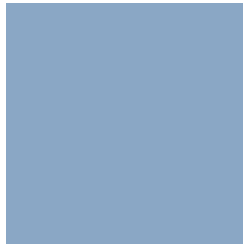
163, 0, 80



36, 0, 18

Previews

White Background



This preview shows how the RGB color 138, 167, 197 looks on a white background.

Color Contrast Check

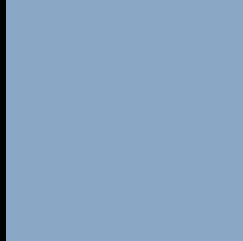
Large Text (above 18pt) WCAG AA × Fail

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 138, 167, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

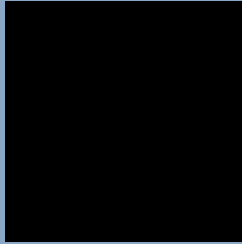
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

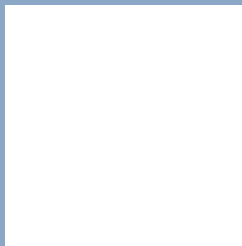
Any Text WCAG AAA ✓ Pass

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

RGB 138, 167, 197 Background



This preview shows how black text looks on a background with the RGB color 138, 167, 197.



This preview shows how white text looks on a background with the RGB color 138, 167, 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](#).

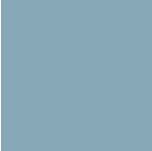
Dichromacy



Original Color
138, 167, 197

Protanopia
157, 162, 194

Deuteranopia
162, 160, 198



Tritanopia
135, 169, 183

Trichromacy



Original Color
138, 167, 197

Protanomaly
150, 164, 195

Deuteranomaly
153, 163, 198

Tritanomaly
136, 168, 188

Monochromacy



Original Color
138, 167, 197

Achromatopsia
162, 162, 162

Achromatomaly
153, 164, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 167, 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(138, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(138, 167, 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(138, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 167, 197) }
```

Border

The CSS property to change the border of an element to RGB 138, 167, 197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

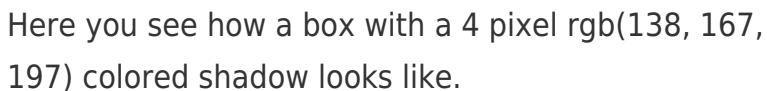
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 167, 197) }
```

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

```
.border{ border-color:rgb(138, 167, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 167, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 167, 197); box-shadow:4px 4px 4px 4px rgb(138, 167, 197) }
```

Background

The CSS property to change the background color of an element to RGB 138, 167, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 167, 197) }
```

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

```
.background{ background-color: rgb(138,  
167, 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](#).

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