

Converting Colors

RGB(137, 170, 183)

Have a look what the booklet for
RGB(137, 170, 183) contains.

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Color

RGB(137, 170, 183)

Conversions

Conversions Part 1

Format	Color
Hex	89AAB7
RGB	137, 170, 183
RGB Percent	54%, 67%, 72%
CMY	0.4627, 0.3333, 0.2824
CMYK	0.25, 0.07, 0.00, 0.28
HSL	197°, 24%, 63%
HSV	197°, 25%, 72%
XYZ	33.2385, 37.4867, 50.2835
YIQ	161.6150, -23.8410, -2.9530

Conversions

Conversions Part 2

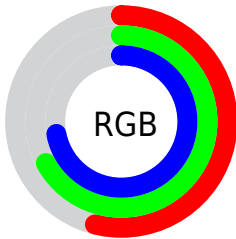
Format	Color
RYB	137, 156, 183
Decimal	9022135
CIELab	67.64, -8.25, -10.38
CIELCh	68, 13.264, 231.520
Yxy	37.4867, 0.2747, 0.3098
Android (android.graphics.Color)	4287212215 (0xFF89AAB7)
YUV	161.6150, 10.5428, -21.5874
Hunter-Lab	61.2264, -10.2424, -5.8348

Details

The RGB color **137, 170, 183** is a light color, and the websafe version is hex **669999**. A complement of this color would be **183, 150, 137**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **191, 225, 239**, and **86, 118, 130** is the 20% darker color. If you saturate the color by 10%, you get **119, 165, 183**, and if you desaturate by 10%, it is **155, 175, 183**.

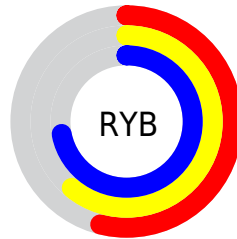
Distribution



Red (54%)

Green (67%)

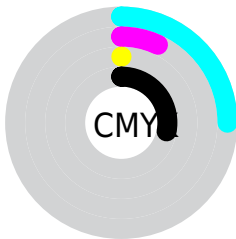
Blue (72%)



Red (54%)

Yellow (61%)

Blue (72%)

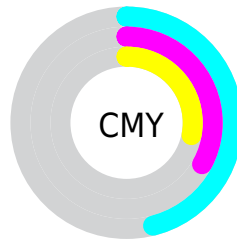


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (46%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 170, 183 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 137, 170, 183 by changing the saturation by 10% instead.

 137, 170, 183


255, 255, 255


 191, 225, 239


 219, 254, 255

 248, 255, 255

 137, 170, 183

 111, 144, 156

 86, 118, 130

 61, 93, 105

 37, 70, 81

 12, 47, 58

 0, 27, 36

 0, 1, 15

 0, 0, 0

 137, 170, 183

 137, 170, 183

■ 119, 165, 183

■ 155, 175, 183

■ 100, 160, 183

■ 174, 180, 183

■ 82, 154, 183

■ 192, 186, 183

■ 64, 149, 183

■ 210, 191, 183

■ 45, 144, 183

■ 228, 196, 183

■ 27, 139, 183

■ 247, 201, 183

■ 9, 134, 183

■ 255, 206, 183

■ 0, 131, 183

■ 255, 211, 183

■ 255, 217, 183

Harmonies

Analogous

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



134, 172, 173



137, 170, 183



148, 167, 188

Triad

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



137, 170, 183



187, 157, 169



165, 167, 142

Complementary

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



137, 170, 183



183, 150, 137

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.



178, 163, 141



137, 170, 183



190, 157, 156

Square

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



137, 170, 183



177, 159, 180



187, 159, 146



151, 170, 150

Rectangle

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



137, 170, 183



158, 164, 188



187, 159, 146



170, 165, 141

Sweetspot

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



137, 170, 183



218, 232, 237



137, 183, 149



108, 116, 120



247, 247, 247



120, 120, 120

Same Dimension

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



137, 170, 183



166, 217, 237



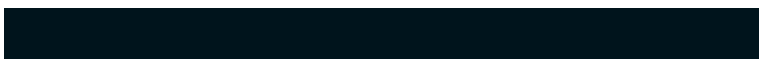
137, 148, 183



83, 89, 92



0, 112, 156



0, 20, 28

Inverse Universe

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



183, 137, 170



237, 166, 217



183, 172, 137



92, 83, 89



156, 0, 112



28, 0, 20

Previews

White Background



This preview shows how the RGB color 137, 170, 183 looks on a white background.

Color Contrast Check

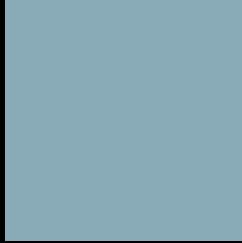
Large Text (above 18pt) WCAG AA × Fail

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 137, 170, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

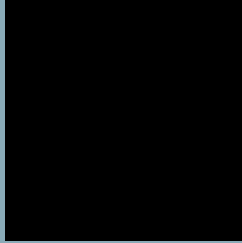
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

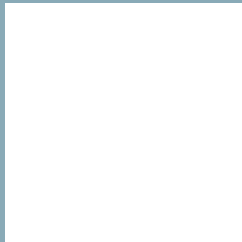
Any Text WCAG AAA ✓ Pass

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

RGB 137, 170, 183 Background



This preview shows how black text looks on a background with the RGB color 137, 170, 183.

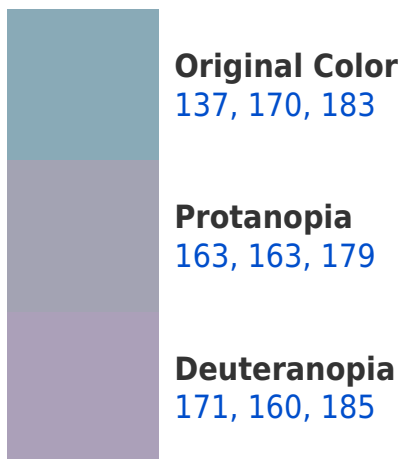


This preview shows how white text looks on a background with the RGB color 137, 170, 183.

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





Tritanopia
137, 170, 184

Trichromacy



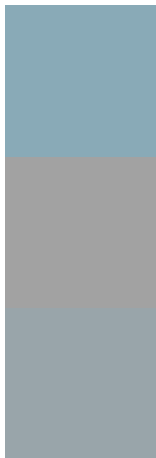
Original Color
137, 170, 183

Protanomaly
154, 166, 180

Deuteranomaly
159, 164, 184

Tritanomaly
137, 170, 184

Monochromacy



Original Color
137, 170, 183

Achromatopsia
162, 162, 162

Achromatomaly
153, 165, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 170, 183 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(137, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(137, 170, 183)  
}
```

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(137, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 170, 183) }
```

Border

The CSS property to change the border of an element to RGB 137, 170, 183 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(137, 170, 183) }
```

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

```
.border{ border-color:rgb(137, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(137, 170,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 137, 170, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 170, 183) }
```

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

```
.background{ background-color: rgb(137,  
170, 183) }
```

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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