

Converting Colors

RGB(106, 157, 171)

Have a look what the booklet for
RGB(106, 157, 171) contains.

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Color

RGB(106, 157, 171)

Conversions

Conversions Part 1

Format	Color
Hex	6A9DAB
RGB	106, 157, 171
RGB Percent	42%, 62%, 67%
CMY	0.5843, 0.3843, 0.3294
CMYK	0.38, 0.08, 0.00, 0.33
HSL	193°, 28%, 54%
HSV	193°, 38%, 67%
XYZ	25.3515, 30.1184, 43.0053
YIQ	143.3470, -34.8900, -6.4580

Conversions

Conversions Part 2

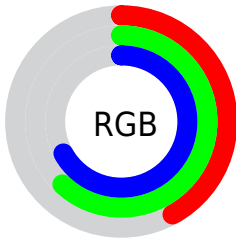
Format	Color
RYB	106, 135, 171
Decimal	6987179
CIELab	61.76, -13.30, -12.68
CIElCh	62, 18.376, 223.624
Yxy	30.1184, 0.2574, 0.3058
Android (android.graphics.Color)	4285177259 (0xFF6A9DAB)
YUV	143.3470, 13.6329, -32.7533
Hunter-Lab	54.8802, -13.5836, -8.0448

Details

The RGB color **106, 157, 171** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **171, 120, 106**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **160, 212, 226**, and **54, 106, 119** is the 20% darker color. If you saturate the color by 10%, you get **89, 153, 171**, and if you desaturate by 10%, it is **123, 161, 171**.

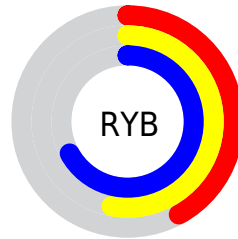
Distribution



Red (42%)

Green (62%)

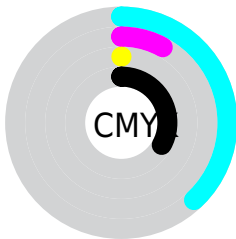
Blue (67%)



Red (42%)

Yellow (53%)

Blue (67%)

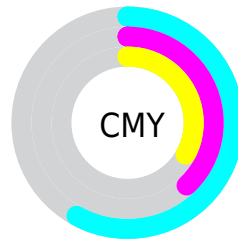


Cyan (38%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 157, 171 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 106, 157, 171 by changing the saturation by 10% instead.

 106, 157, 171

255, 255, 255


 160, 212, 226


 188, 240, 255


 216, 255, 255

 245, 255, 255

 106, 157, 171


 80, 131, 144

 54, 106, 119

 26, 81, 94


 0, 58, 70

 0, 37, 48

 0, 13, 27

 0, 0, 0

 106, 157, 171

 89, 153, 171

 106, 157, 171

 123, 161, 171

■ 72, 150, 171

■ 140, 164, 171

■ 55, 146, 171

■ 157, 168, 171

■ 38, 142, 171

■ 174, 172, 171

■ 20, 139, 171

■ 191, 175, 171

■ 3, 135, 171

■ 209, 179, 171

■ 0, 134, 171

■ 226, 183, 171

■ 243, 186, 171

■ 255, 190, 171

Harmonies

Analogous

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



106, 159, 156



106, 157, 171



119, 153, 180

Triad

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



106, 157, 171



176, 139, 159



154, 150, 118

Complementary

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



106, 157, 171



171, 120, 106

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.



170, 145, 118



106, 157, 171



183, 138, 142

Square

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



106, 157, 171



161, 143, 173



180, 140, 127



135, 155, 125

Rectangle

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



106, 157, 171



133, 150, 181



180, 140, 127



160, 149, 117

Sweetspot

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



106, 157, 171



197, 217, 222



106, 171, 119



98, 109, 112



240, 240, 240



112, 112, 112

Same Dimension

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



106, 157, 171



120, 200, 222



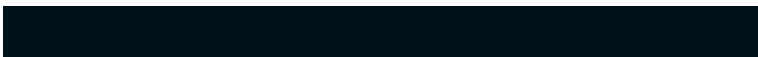
106, 125, 171



78, 85, 87



0, 118, 150



0, 18, 23

Inverse Universe

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



171, 106, 157



222, 120, 200



171, 151, 106



87, 78, 85



150, 0, 118



23, 0, 18

Previews

White Background



This preview shows how the RGB color 106, 157, 171 looks on a white background.

Color Contrast Check

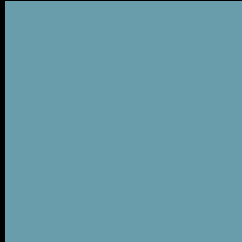
Large Text (above 18pt) WCAG AA × Fail

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 106, 157, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

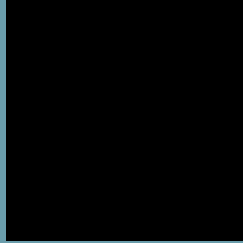
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

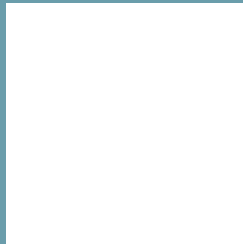
Any Text WCAG AAA ✓ Pass

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

RGB 106, 157, 171 Background



This preview shows how black text looks on a background with the RGB color 106, 157, 171.



This preview shows how white text looks on a background with the RGB color 106, 157, 171.

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
106, 157, 171

Protanopia
146, 148, 165

Deuteranopia
151, 145, 174



Tritanopia
106, 157, 170

Trichromacy



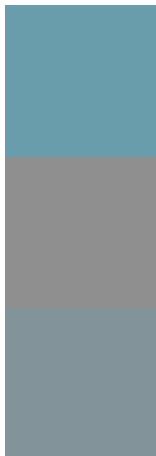
Original Color
106, 157, 171

Protanomaly
131, 151, 167

Deuteranomaly
135, 149, 173

Tritanomaly
106, 157, 170

Monochromacy



Original Color
106, 157, 171

Achromatopsia
143, 143, 143

Achromatomaly
130, 148, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 157, 171 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(106, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(106, 157, 171)  
}
```

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(106, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 157, 171) }
```

Border

The CSS property to change the border of an element to RGB 106, 157, 171 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(106, 157, 171) }
```

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

```
.border{ border-color:rgb(106, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(106, 157,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 106, 157, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 157, 171) }
```

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

```
.background{ background-color: rgb(106,  
157, 171) }
```

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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