Converting Colors

RGB(10, 128, 154)

Have a look what the booklet for RGB(10, 128, 154) contains.

Color

RGB(10, 128, 154)

Conversions

Conversions Part 1

Format	Color
Hex	0A809A
RGB	10, 128, 154
RGB Percent	4%, 50%, 60%
CMY	0.9608, 0.4980, 0.3961
CMYK	0.94, 0.17, 0.00, 0.40
HSL	191°, 88%, 32%
HSV	191°, 94%, 60%
XYZ	13.6771, 17.8360, 33.2937
YIQ	95.6820, -78.6740, -16.9300

Conversions

Conversions Part 2

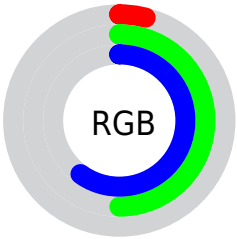
Format	Color
RYB	10, 75, 154
Decimal	688282
CIELab	49.30, -19.44, -22.16
CIELCh	49, 29.477, 228.743
Yxy	17.8360, 0.2110, 0.2752
Android (android.graphics.Color)	4278878362 (0xFF0A809A)
YUV	95.6820, 28.7508, -75.1431
Hunter-Lab	42.2326, -16.0998, -17.1778

Details

The RGB color 10, 128, 154 is a dark color, and the websafe version is hex 0099CC. A complement of this color would be 154, 36, 10, and the grayscale version is 95, 95, 95.

A 20% lighter version of the original color is 89, 181, 208, and 0, 79, 103 is the 20% darker color. If you saturate the color by 10%, you get 0, 126, 154, and if you desaturate by 10%, it is 25, 131, 154.

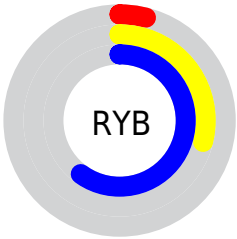
Distribution



Red (4%)

Green (50%)

Blue (60%)



Red (4%)

Yellow (29%)

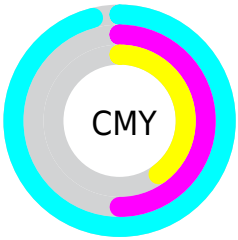
Blue (60%)

Cyan (94%)

Magenta (17%)

Yellow (0%)

Black (40%)



Cyan (96%)

Magenta (50%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 10, 128, 154 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 10, 128, 154 by changing the saturation by 10% instead.

10, 128, 154	10, 128, 154
255, 255, 255	0, 103, 128
89, 181, 208	0, 79, 103
119, 209, 237	0, 55, 79
148, 237, 255	0, 34, 56
177, 255, 255	0, 2, 35
207, 255, 255	0, 0, 9
237, 255, 255	0, 0, 0

10, 128, 154	10, 128, 154
0, 126, 154	25, 131, 154

41, 134, 154

56, 136, 154

72, 139, 154

87, 142, 154

102, 145, 154

118, 147, 154

133, 150, 154

149, 153, 154

Harmonies

Analogous

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

13, 130, 132

10, 128, 154

63, 122, 166

Triad

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

10, 128, 154

160, 99, 128

118, 121, 69

Complementary

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

10, 128, 154

154, 36, 10

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, 112, 68

10, 128, 154

166, 98, 102

Square

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

10, 128, 154

139, 105, 150

159, 104, 81

89, 127, 83

Rectangle

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

10, 128, 154

93, 117, 166

159, 104, 81

126, 118, 67

Sweetspot

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

10, 128, 154

145, 191, 201

10, 154, 34

67, 96, 102

230, 230, 230

102, 102, 102

Same Dimension

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

10, 128, 154

0, 165, 201

10, 58, 154

69, 75, 77

0, 115, 140

0, 10, 13

Inverse Universe

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

154, 10, 128

201, 0, 165

154, 106, 10

77, 69, 75

140, 0, 115

13, 0, 10

Previews

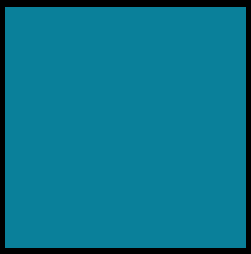
White Background

This preview shows how the RGB color 10, 128, 154 looks on a white 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 ✕ Fail

Black Background



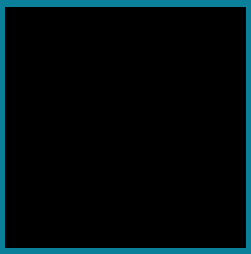
This preview shows how the RGB color 10, 128, 154 looks on a black background.

Color Contrast Check

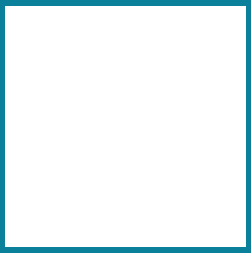
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 10, 128, 154 Background



This preview shows how black text looks on a background with the RGB color 10, 128, 154.



This preview shows how white text looks on a background with the RGB color 10, 128, 154.

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
10, 128, 154

Protanopia
110, 115, 145

Deuteranopia
105, 115, 157

Trichromacy

Original Color
10, 128, 154

Protanomaly
74, 120, 148

Deuteranomaly
70, 120, 156

Monochromacy

Original Color
10, 128, 154

Achromatopsia
96, 96, 96

Achromatomaly
65, 108, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 10, 128, 154 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(10, 128, 154) looks like.

```
.text, #text, p{
    color:rgb(10, 128, 154)
}
```

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(10, 128, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 128, 154) }
```

Border

The CSS property to change the border of an element to RGB 10, 128, 154 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(10, 128, 154) }
```

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

```
.border{ border-color:rgb(10, 128, 154) }
```

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

Here you see how a box with a 4 pixel rgb(10, 128, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(10, 128, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(10, 128, 154); box-shadow:4px 4px 4px 4px rgb(10, 128, 154) }
```

Background

The CSS property to change the background color of an element to RGB 10, 128, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(10, 128, 154) }
```

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

```
.background{ background-color:rgb(10, 128,
154) }
```

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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