

Converting Colors

RGB(78, 140, 148)

Have a look what the booklet for
RGB(78, 140, 148) contains.

RGB(78, 140, 148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(78, 140, 148)

Conversions

Conversions Part 1

Format	Color
Hex	4E8C94
RGB	78, 140, 148
RGB Percent	31%, 55%, 58%
CMY	0.6941, 0.4510, 0.4196
CMYK	0.47, 0.05, 0.00, 0.42
HSL	187°, 31%, 44%
HSV	187°, 47%, 58%
XYZ	17.8653, 22.5140, 31.4210
YIQ	122.3740, -39.5200, -10.6560

Conversions

Conversions Part 2

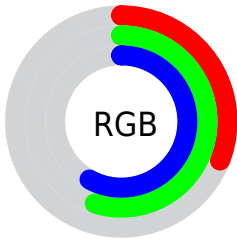
Format	Color
R_{YB}	78, 111, 148
Decimal	5147796
CIE _{Lab}	54.57, -17.76, -10.50
CIE _{LCh}	55, 20.629, 210.583
Yxy	22.5140, 0.2488, 0.3136
Android (android.graphics.Color)	4283337876 (0xFF4E8C94)
YUV	122.3740, 12.6336, -38.9160
Hunter-Lab	47.4489, -15.8275, -6.0480

Details

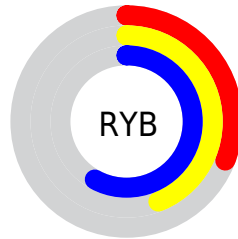
The RGB color **78, 140, 148** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **148, 86, 78**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **132, 194, 202**, and **20, 90, 97** is the 20% darker color. If you saturate the color by 10%, you get **63, 138, 148**, and if you desaturate by 10%, it is **93, 142, 148**.

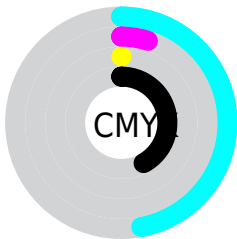
Distribution



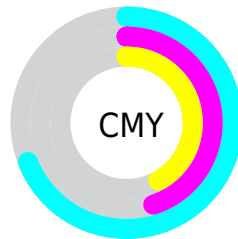
- Red (31%)
- Green (55%)
- Blue (58%)



- Red (31%)
- Yellow (44%)
- Blue (58%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (45%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the RGB color 78, 140, 148 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 78, 140, 148 by changing the saturation by 10% instead.


 78, 140, 148  78, 140, 148

255, 255, 255  51, 114, 122

 132, 194, 202  20, 90, 97

 159, 222, 230  0, 66, 74

 187, 250, 255  0, 44, 51

 216, 255, 255  0, 25, 30

 245, 255, 255  0, 0, 3

 0, 0, 0

 78, 140, 148  78, 140, 148

 63, 138, 148  93, 142, 148

■ 48, 137, 148

■ 108, 143, 148

■ 34, 135, 148

■ 122, 145, 148

■ 19, 133, 148

■ 137, 147, 148

■ 4, 132, 148

■ 152, 148, 148

■ 0, 131, 148

■ 167, 150, 148

■ 182, 152, 148

■ 196, 154, 148

■ 211, 155, 148

Harmonies

Analogous

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



86, 141, 130



78, 140, 148



87, 137, 161

Triad

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



78, 140, 148



154, 120, 148



143, 129, 95

Complementary

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



78, 140, 148



148, 86, 78

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.



158, 124, 100



78, 140, 148



165, 118, 131

Square

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



78, 140, 148



134, 126, 161



166, 119, 113



124, 135, 100

Rectangle

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



78, 140, 148



101, 134, 165



166, 119, 113



149, 127, 96

Sweetspot

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



78, 140, 148



164, 188, 191



78, 148, 85



80, 95, 97



224, 224, 224



97, 97, 97

Same Dimension

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



78, 140, 148



82, 179, 191



78, 106, 148



67, 73, 74



0, 122, 138



0, 9, 10

Inverse Universe

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



148, 78, 140



191, 82, 179



148, 120, 78



74, 67, 73



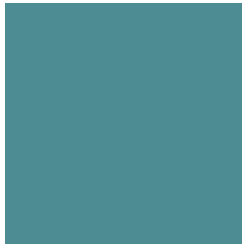
138, 0, 122



10, 0, 9

Previews

White Background



This preview shows how the RGB color 78, 140, 148 looks on a white background.

Color Contrast Check

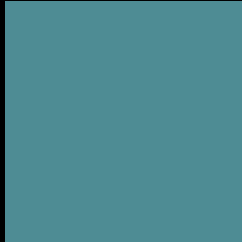
Large Text (above 18pt) WCAG AA ✓ Pass

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 78, 140, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

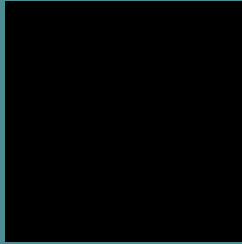
Any Text WCAG AA ✓ Pass

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 78, 140, 148 Background



This preview shows how black text looks on a background with the RGB color 78, 140, 148.

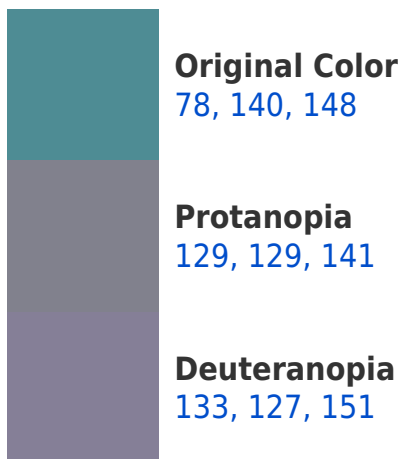


This preview shows how white text looks on a background with the RGB color 78, 140, 148.

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
79, 140, 151

Trichromacy



Original Color

78, 140, 148

Protanomaly

110, 133, 144

Deuteranomaly

113, 132, 150

Tritanomaly

79, 140, 150

Monochromacy



Original Color

78, 140, 148

Achromatopsia

122, 122, 122

Achromatomaly

106, 129, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 140, 148 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(78, 140, 148)` looks like.

```
.text, #text, p{  
    color:rgb(78, 140, 148)  
}
```

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(78, 140, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 140, 148) }
```

Border

The CSS property to change the border of an element to RGB 78, 140, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

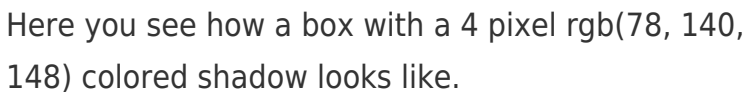
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 140, 148) }
```

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

```
.border{ border-color:rgb(78, 140, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 140, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 140, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 140, 148);  
box-shadow:4px 4px 4px 4px rgb(78, 140,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 78, 140, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 140, 148) }
```

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

```
.background{ background-color: rgb(78, 140,  
148) }
```

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