

Converting Colors

RGB(79, 155, 168)

Have a look what the booklet for
RGB(79, 155, 168) contains.

RGB(79, 155, 168)	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(79, 155, 168)

Conversions

Conversions Part 1

Format	Color
Hex	4F9BA8
RGB	79, 155, 168
RGB Percent	31%, 61%, 66%
CMY	0.6902, 0.3922, 0.3412
CMYK	0.53, 0.08, 0.00, 0.34
HSL	189°, 36%, 48%
HSV	189°, 53%, 66%
XYZ	22.0137, 27.9321, 41.2770
YIQ	133.7580, -49.4690, -12.0690

Conversions

Conversions Part 2

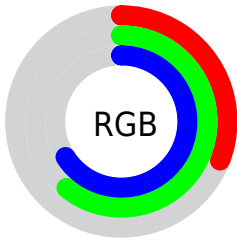
Format	Color
R_{YB}	79, 120, 168
Decimal	5217192
CIE _{Lab}	59.83, -19.78, -14.01
CIE _{LCh}	60, 24.242, 215.307
Yxy	27.9321, 0.2413, 0.3062
Android (android.graphics.Color)	4283407272 (0xFF4F9BA8)
YUV	133.7580, 16.8813, -48.0228
Hunter-Lab	52.8508, -18.1393, -9.3104

Details

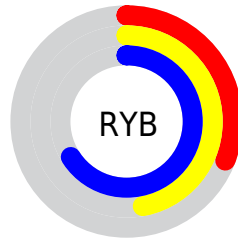
The RGB color **79, 155, 168** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **168, 92, 79**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **135, 210, 223**, and **10, 104, 116** is the 20% darker color. If you saturate the color by 10%, you get **62, 153, 168**, and if you desaturate by 10%, it is **96, 157, 168**.

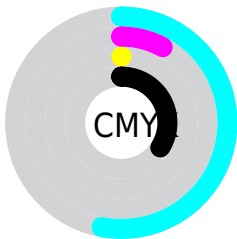
Distribution



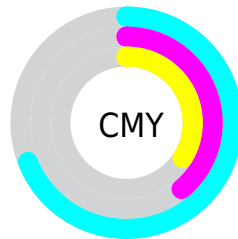
- Red (31%)
- Green (61%)
- Blue (66%)



- Red (31%)
- Yellow (47%)
- Blue (66%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)




- Cyan (69%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 155, 168 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 79, 155, 168 by changing the saturation by 10% instead.


 79, 155, 168  79, 155, 168


255, 255, 255  50, 129, 142

 135, 210, 223  10, 104, 116

 163, 238, 252  0, 79, 91

 191, 255, 255  0, 56, 68

 220, 255, 255  0, 35, 46

 250, 255, 255  0, 1, 26

 0, 0, 0

 79, 155, 168  79, 155, 168

 62, 153, 168  96, 157, 168

■ 45, 150, 168

■ 113, 160, 168

■ 29, 148, 168

■ 129, 162, 168

■ 12, 145, 168

■ 146, 165, 168

■ 0, 143, 168

■ 163, 167, 168

■ 180, 170, 168

■ 197, 172, 168

■ 213, 175, 168

■ 230, 177, 168

Harmonies

Analogous

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



87, 156, 147



79, 155, 168



94, 151, 182

Triad

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



79, 155, 168



175, 131, 162



156, 144, 102

Complementary

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



79, 155, 168



168, 92, 79

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.



175, 137, 106



79, 155, 168



186, 128, 141

Square

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



79, 155, 168



152, 137, 179



186, 131, 120



132, 150, 109

Rectangle

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



79, 155, 168



112, 147, 186



186, 131, 120



163, 142, 102

Sweetspot

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



79, 155, 168



184, 214, 219



79, 168, 91



89, 107, 110



237, 237, 237



110, 110, 110

Same Dimension

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



79, 155, 168



79, 199, 219



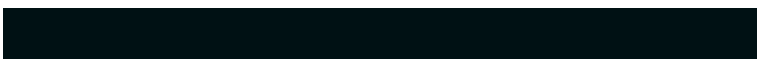
79, 112, 168



76, 83, 84



0, 126, 148



0, 17, 20

Inverse Universe

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



168, 79, 155



219, 79, 199



168, 135, 79



84, 76, 83



148, 0, 126



20, 0, 17

Previews

White Background



This preview shows how the RGB color 79, 155, 168 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 79, 155, 168 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 79, 155, 168 Background



This preview shows how black text looks on a background with the RGB color 79, 155, 168.



This preview shows how white text looks on a background with the RGB color 79, 155, 168.

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
79, 155, 168

Protanopia
141, 142, 160

Deuteranopia
144, 140, 171



Tritanopia
79, 155, 168

Trichromacy



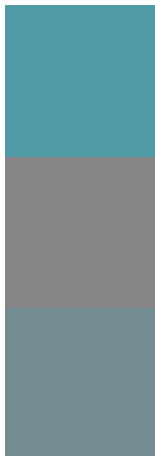
Original Color
79, 155, 168

Protanomaly
118, 147, 163

Deuteranomaly
120, 145, 170

Tritanomaly
79, 155, 168

Monochromacy



Original Color
79, 155, 168

Achromatopsia
134, 134, 134

Achromatomaly
114, 142, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 155, 168 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(79, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(79, 155, 168)  
}
```

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(79, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 155, 168) }
```

Border

The CSS property to change the border of an element to RGB 79, 155, 168 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(79, 155, 168) }
```

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

```
.border{ border-color:rgb(79, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(79, 155,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 79, 155, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 155, 168) }
```

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

```
.background{ background-color: rgb(79, 155,  
168) }
```

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