

Converting Colors

RGB(76, 148, 154)

Have a look what the booklet for
RGB(76, 148, 154) contains.

RGB(76, 148, 154)	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(76, 148, 154)

Conversions

Conversions Part 1

Format	Color
Hex	4C949A
RGB	76, 148, 154
RGB Percent	30%, 58%, 60%
CMY	0.7020, 0.4196, 0.3961
CMYK	0.51, 0.04, 0.00, 0.40
HSL	185°, 34%, 45%
HSV	185°, 51%, 60%
XYZ	19.4031, 25.0494, 34.3842
YIQ	127.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

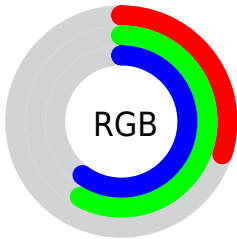
Format	Color
RYB	76, 113, 154
Decimal	5018778
CIELab	57.12, -20.78, -10.12
CIELCh	57, 23.114, 205.967
Yxy	25.0494, 0.2461, 0.3177
Android (android.graphics.Color)	4283208858 (0xFF4C949A)
YUV	127.1560, 13.2341, -44.8638
Hunter-Lab	50.0494, -18.3856, -5.6980

Details

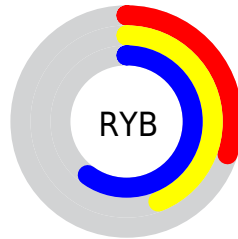
The RGB color **76, 148, 154** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **154, 82, 76**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **131, 202, 208**, and **11, 97, 103** is the 20% darker color. If you saturate the color by 10%, you get **61, 147, 154**, and if you desaturate by 10%, it is **91, 149, 154**.

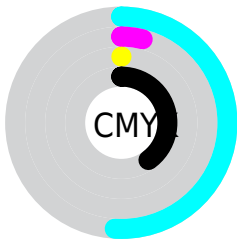
Distribution



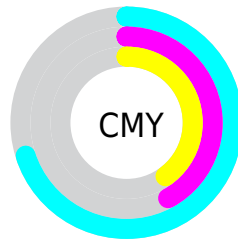
- Red (30%)
- Green (58%)
- Blue (60%)



- Red (30%)
- Yellow (44%)
- Blue (60%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 148, 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 76, 148, 154 by changing the saturation by 10% instead.



76, 148, 154



76, 148, 154

255, 255, 255



48, 122, 128



131, 202, 208



11, 97, 103



158, 230, 237



0, 73, 79



187, 255, 255



0, 50, 56



215, 255, 255



0, 30, 35



245, 255, 255



0, 0, 12



0, 0, 0



76, 148, 154



76, 148, 154



61, 147, 154



91, 149, 154

■ 45, 146, 154

■ 107, 150, 154

■ 30, 144, 154

■ 122, 152, 154

■ 14, 143, 154

■ 138, 153, 154

■ 0, 142, 154

■ 153, 154, 154

■ 168, 155, 154

■ 184, 156, 154

■ 199, 157, 154

■ 215, 159, 154

Harmonies

Analogous

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



88, 148, 134



76, 148, 154



83, 145, 170

Triad

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



76, 148, 154



160, 126, 160



154, 135, 97

Complementary

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



76, 148, 154



154, 82, 76

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, 128, 104



76, 148, 154



175, 123, 141

Square

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



76, 148, 154



137, 133, 173



178, 123, 120



133, 141, 101

Rectangle

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



76, 148, 154



99, 142, 176



178, 123, 120



160, 133, 98

Sweetspot

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



76, 148, 154



171, 199, 201



76, 154, 81



84, 101, 102



230, 230, 230



102, 102, 102

Same Dimension

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



76, 148, 154



79, 192, 201



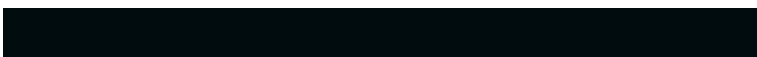
76, 110, 154



69, 76, 77



0, 129, 140



0, 12, 13

Inverse Universe

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



154, 76, 148



201, 79, 192



154, 120, 76



77, 69, 76



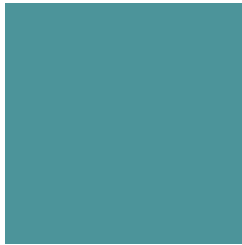
140, 0, 129



13, 0, 12

Previews

White Background



This preview shows how the RGB color 76, 148, 154 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 76, 148, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

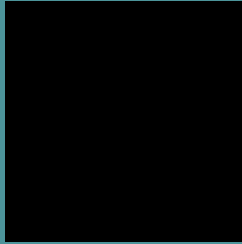
Any Text WCAG AA ✓ Pass

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 76, 148, 154 Background



This preview shows how black text looks on a background with the RGB color 76, 148, 154.

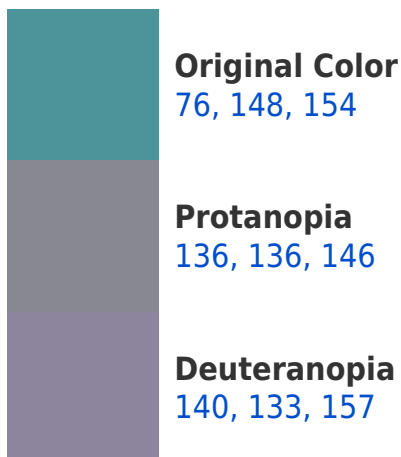


This preview shows how white text looks on a background with the RGB color 76, 148, 154.

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





Tritanopia
78, 147, 159

Trichromacy



Original Color

76, 148, 154

Protanomaly

114, 140, 149

Deuteranomaly

117, 138, 156

Tritanomaly

77, 147, 157

Monochromacy



Original Color

76, 148, 154

Achromatopsia

127, 127, 127

Achromatomaly

108, 135, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 148, 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(76, 148, 154) looks like.

```
.text, #text, p{  
    color:rgb(76, 148, 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(76, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 148, 154) }
```

Border

The CSS property to change the border of an element to RGB 76, 148, 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(76, 148, 154) }
```

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

```
.border{ border-color:rgb(76, 148, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 148, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 148, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 148, 154);  
box-shadow:4px 4px 4px 4px rgb(76, 148,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 76, 148, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 148, 154) }
```

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

```
.background{ background-color: rgb(76, 148,  
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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