

Converting Colors

RGB(105, 164, 158)

Have a look what the booklet for
RGB(105, 164, 158) contains.

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Color

RGB(105, 164, 158)

Conversions

Conversions Part 1

Format	Color
Hex	69A49E
RGB	105, 164, 158
RGB Percent	41%, 64%, 62%
CMY	0.5882, 0.3569, 0.3804
CMYK	0.36, 0.00, 0.04, 0.36
HSL	174°, 24%, 53%
HSV	174°, 36%, 64%
XYZ	25.2727, 32.0228, 37.1968
YIQ	145.6750, -33.2380, -14.3740

Conversions

Conversions Part 2

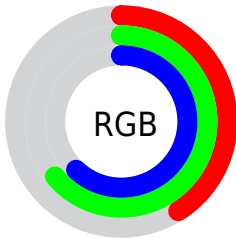
Format	Color
RYB	105, 136, 164
Decimal	6923422
CIELab	63.36, -20.56, -2.98
CIELCh	63, 20.772, 188.253
Yxy	32.0228, 0.2675, 0.3389
Android (android.graphics.Color)	4285113502 (0xFF69A49E)
YUV	145.6750, 6.0762, -35.6720
Hunter-Lab	56.5887, -19.3115, 0.6397

Details

The RGB color **105, 164, 158** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **164, 105, 111**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **159, 219, 213**, and **53, 112, 107** is the 20% darker color. If you saturate the color by 10%, you get **89, 164, 156**, and if you desaturate by 10%, it is **121, 164, 160**.

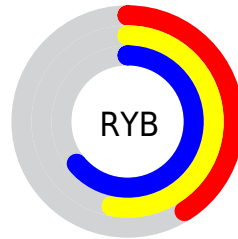
Distribution



Red (41%)

Green (64%)

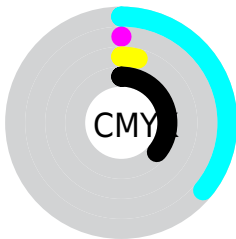
Blue (62%)



Red (41%)

Yellow (53%)

Blue (64%)

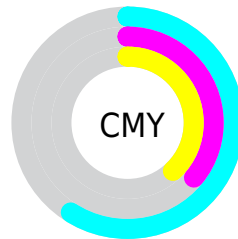


Cyan (36%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (59%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 164, 158 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 105, 164, 158 by changing the saturation by 10% instead.

 105, 164, 158

255, 255, 255


 159, 219, 213


 186, 248, 241

 215, 255, 255

 244, 255, 255

 105, 164, 158

 79, 138, 132

 53, 112, 107

 26, 87, 83


 0, 64, 60

 0, 41, 38


 0, 20, 17

 0, 0, 0

 105, 164, 158

 89, 164, 156

 105, 164, 158

 121, 164, 160

■ 72, 164, 155

■ 138, 164, 161

■ 56, 164, 153

■ 154, 164, 163

■ 39, 164, 151

■ 171, 164, 165

■ 23, 164, 150

■ 187, 164, 166

■ 7, 164, 148

■ 203, 164, 168

■ 0, 164, 147

■ 220, 164, 170

■ 236, 164, 171

■ 253, 164, 173

Harmonies

Analogous

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



121, 163, 139



105, 164, 158



102, 163, 176

Triad

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



105, 164, 158



163, 147, 182



179, 148, 120

Complementary

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



105, 164, 158



164, 105, 111

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.



190, 142, 131



105, 164, 158



182, 142, 167

Square

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



105, 164, 158



138, 153, 190



191, 140, 149



162, 154, 117

Rectangle

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



105, 164, 158



109, 161, 184



191, 140, 149



184, 146, 123

Sweetspot

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



105, 164, 158



191, 214, 212



112, 164, 105



93, 107, 106



235, 235, 235



107, 107, 107

Same Dimension

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



105, 164, 158



122, 214, 205



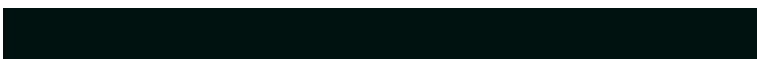
105, 141, 164



73, 82, 81



0, 145, 131



0, 18, 16

Inverse Universe

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



164, 105, 111



214, 122, 131



164, 128, 105



82, 73, 74



145, 0, 15



18, 0, 2

Previews

White Background



This preview shows how the RGB color 105, 164, 158 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 105, 164, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

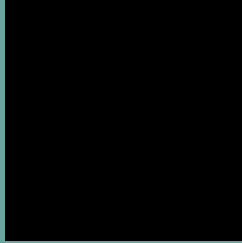
Any Text WCAG AA ✓ Pass

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 105, 164, 158 Background



This preview shows how black text looks on a background with the RGB color 105, 164, 158.




This preview shows how white text looks on a background with the RGB color 105, 164, 158.

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](#).

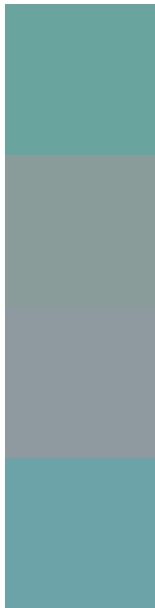
Dichromacy





Tritanopia
109, 162, 174

Trichromacy



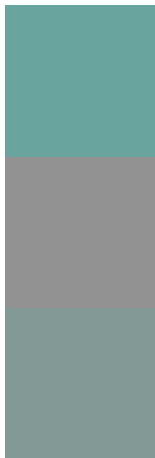
Original Color
105, 164, 158

Protanomaly
137, 156, 154

Deuteranomaly
143, 154, 160

Tritanomaly
108, 163, 168

Monochromacy



Original Color
105, 164, 158

Achromatopsia
146, 146, 146

Achromatomaly
131, 153, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 164, 158 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(105, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(105, 164, 158)  
}
```

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(105, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 164, 158) }
```

Border

The CSS property to change the border of an element to RGB 105, 164, 158 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(105, 164, 158) }
```

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

```
.border{ border-color:rgb(105, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(105, 164,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 105, 164, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 164, 158) }
```

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

```
.background{ background-color: rgb(105,  
164, 158) }
```

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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