Converting Colors

RGB(109, 165, 157)

Have a look what the booklet for RGB(109, 165, 157) contains.

Color

RGB(109, 165, 157)

Conversions

Conversions Part 1

Format	Color
Hex	6DA59D
RGB	109, 165, 157
RGB Percent	43%, 65%, 62%
CMY	0.5725, 0.3529, 0.3843
CMYK	0.34, 0.00, 0.05, 0.35
HSL	171°, 24%, 54%
HSV	171°, 34%, 65%
XYZ	25.8476, 32.5958, 36.8276
YIQ	147.3440, -30.8080, -14.3600

Conversions

Conversions Part 2

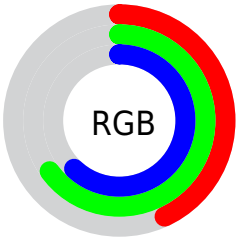
Format	Color
RYB	109, 139, 165
Decimal	7185821
CIELab	63.83, -20.17, -1.71
CIELCh	64, 20.237, 184.837
Yxy	32.5958, 0.2713, 0.3421
Android (android.graphics.Color)	4285375901 (0xFF6DA59D)
YUV	147.3440, 4.7604, -33.6277
Hunter-Lab	57.0927, -19.0999, 1.7200

Details

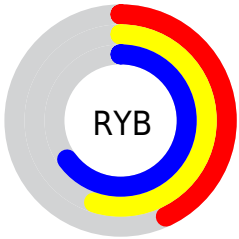
The RGB color 109, 165, 157 is a dark color, and the websafe version is hex 669999. A complement of this color would be 165, 109, 117, and the grayscale version is 147, 147, 147.

A 20% lighter version of the original color is 162, 220, 211, and 58, 113, 106 is the 20% darker color. If you saturate the color by 10%, you get 92, 165, 155, and if you desaturate by 10%, it is 125, 165, 159.

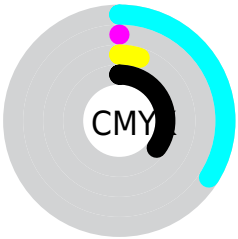
Distribution



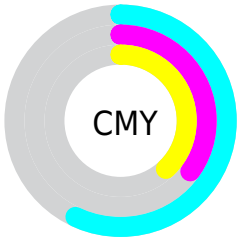
- Red (43%)
- Green (65%)
- Blue (62%)



- Red (43%)
- Yellow (55%)
- Blue (65%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (57%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 165, 157 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 109, 165, 157 by changing the saturation by 10% instead.

109, 165, 157	109, 165, 157
255, 255, 255	83, 139, 131
162, 220, 211	58, 113, 106
190, 249, 240	32, 88, 82
219, 255, 255	0, 65, 59
247, 255, 255	0, 42, 37
	0, 22, 16
	0, 0, 0

109, 165, 157	109, 165, 157
92, 165, 155	125, 165, 159

76, 165, 152

59, 165, 150

43, 165, 148

27, 165, 145

10, 165, 143

0, 165, 141

142, 165, 162

158, 165, 164

175, 165, 166

191, 165, 169

208, 165, 171

224, 165, 173

241, 165, 176

255, 165, 178

Harmonies

Analogous

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

125, 164, 139

109, 165, 157

104, 164, 175

Triad

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

109, 165, 157

161, 149, 184

181, 148, 123

Complementary

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

109, 165, 157

165, 109, 117

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.

191, 144, 135

109, 165, 157

181, 144, 170

Square

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

109, 165, 157

137, 155, 190

191, 142, 152

165, 154, 119

Rectangle

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

109, 165, 157

110, 162, 183

191, 142, 152

185, 147, 126

Sweetspot

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

109, 165, 157

193, 214, 211

117, 165, 109

94, 107, 105

235, 235, 235

107, 107, 107

Same Dimension

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

109, 165, 157

126, 214, 202

109, 145, 165

73, 82, 80

0, 145, 125

0, 18, 15

Inverse Universe

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

165, 109, 117

214, 126, 139

165, 129, 109

82, 73, 75

145, 0, 21

18, 0, 3

Previews

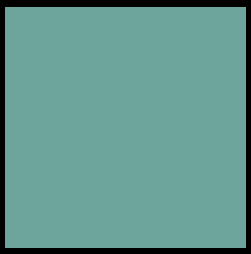
White Background

This preview shows how the RGB color 109, 165, 157 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



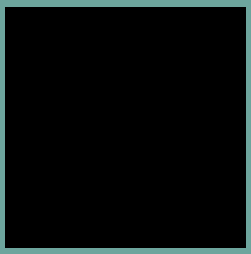
This preview shows how the RGB color 109, 165, 157 looks on a black background.

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 109, 165, 157 Background



This preview shows how black text looks on a background with the RGB color 109, 165, 157.

This preview shows how white text looks on a background with the RGB color 109, 165, 157.

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
109, 165, 157

Protanopia
158, 153, 150

Deuteranopia
166, 149, 160

Tritanopia
113, 162, 175

Trichromacy

Original Color
109, 165, 157

Protanomaly
140, 157, 153

Deuteranomaly
145, 155, 159

Tritanomaly
112, 163, 168

Monochromacy

Original Color
109, 165, 157

Achromatopsia
147, 147, 147

Achromatomaly
133, 154, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 165, 157 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(109, 165, 157) looks like.

```
.text, #text, p{
    color:rgb(109, 165, 157)
}
```

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(109, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 165, 157) }
```

Border

The CSS property to change the border of an element to RGB 109, 165, 157 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(109, 165, 157) }
```

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

```
.border{ border-color:rgb(109, 165, 157) }
```

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

Here you see how a box with a 4 pixel rgb(109, 165, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 165, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 165, 157); box-shadow:4px 4px 4px 4px rgb(109, 165, 157) }
```

Background

The CSS property to change the background color of an element to RGB 109, 165, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(109, 165, 157) }
```

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

```
.background{ background-color:rgb(109,
165, 157) }
```

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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