Converting Colors

RGB(120, 153, 157)

Have a look what the booklet for RGB(120, 153, 157) contains.

Color

RGB(120, 153, 157)

Conversions

Conversions Part 1

Format	Color
Hex	78999D
RGB	120, 153, 157
RGB Percent	47%, 60%, 62%
CMY	0.5294, 0.4000, 0.3843
CMYK	0.24, 0.03, 0.00, 0.38
HSL	186°, 16%, 54%
HSV	186°, 24%, 62%
XYZ	25.2228, 29.2099, 36.2070
YIQ	143.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

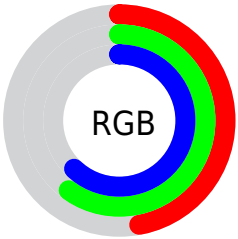
Format	Color
RYB	120, 137, 157
Decimal	7903645
CIELab	60.97, -10.44, -5.86
CIELCh	61, 11.976, 209.298
Yxy	29.2099, 0.2783, 0.3223
Android (android.graphics.Color)	4286093725 (0xFF78999D)
YUV	143.5890, 6.6116, -20.6876
Hunter-Lab	54.0461, -11.2767, -1.8877

Details

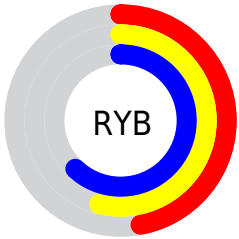
The RGB color 120, 153, 157 is a dark color, and the websafe version is hex 669999. A complement of this color would be 157, 124, 120, and the grayscale version is 144, 144, 144.

A 20% lighter version of the original color is 173, 207, 212, and 70, 102, 106 is the 20% darker color. If you saturate the color by 10%, you get 104, 151, 157, and if you desaturate by 10%, it is 136, 155, 157.

Distribution

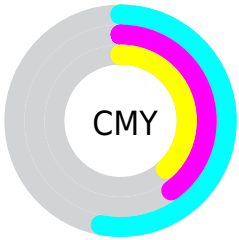


- Red (47%)
- Green (60%)
- Blue (62%)



- Red (47%)
- Yellow (54%)
- Blue (62%)

- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 153, 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 120, 153, 157 by changing the saturation by 10% instead.

120, 153, 157	120, 153, 157
255, 255, 255	95, 127, 131
173, 207, 212	70, 102, 106
201, 236, 240	47, 78, 82
229, 255, 255	23, 55, 59
	0, 34, 37
	0, 7, 16
	0, 0, 0

120, 153, 157	120, 153, 157
104, 151, 157	136, 155, 157

89, 150, 157

73, 148, 157

57, 146, 157

41, 145, 157

26, 143, 157

10, 141, 157

0, 140, 157

151, 156, 157

167, 158, 157

183, 160, 157

198, 161, 157

214, 163, 157

230, 165, 157

246, 167, 157

255, 168, 157

Harmonies

Analogous

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

123, 153, 146

120, 153, 157

125, 151, 165

Triad

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

120, 153, 157

161, 141, 158

156, 146, 126

Complementary

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

120, 153, 157

157, 124, 120

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.

165, 143, 129

120, 153, 157

168, 140, 148

Square

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

120, 153, 157

149, 144, 165

170, 140, 137

144, 150, 129

Rectangle

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

120, 153, 157

131, 149, 168

170, 140, 137

159, 145, 127

Sweetspot

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

120, 153, 157

190, 202, 204

120, 157, 124

94, 101, 102

230, 230, 230

102, 102, 102

Same Dimension

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

120, 153, 157

147, 198, 204

120, 135, 157

71, 78, 79

0, 127, 143

0, 14, 15

Inverse Universe

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

157, 120, 153

204, 147, 198

157, 142, 120

79, 71, 78

143, 0, 127

15, 0, 14

Previews

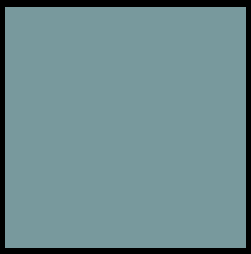
White Background

This preview shows how the RGB color 120, 153, 157 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



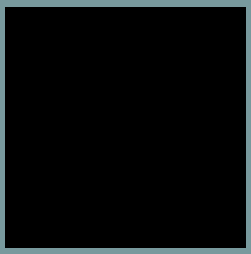
This preview shows how the RGB color 120, 153, 157 looks on a black background.

Color Contrast Check

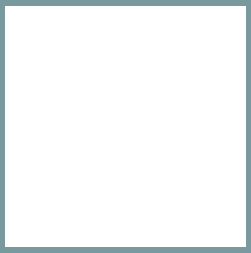
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 120, 153, 157 Background



This preview shows how black text looks on a background with the RGB color 120, 153, 157.



This preview shows how white text looks on a background with the RGB color 120, 153, 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
120, 153, 157

Protanopia
148, 146, 153

Deuteranopia
155, 143, 159

Tritanopia
121, 152, 164

Trichromacy

Original Color
120, 153, 157

Protanomaly
138, 149, 154

Deuteranomaly
142, 147, 158

Tritanomaly
121, 152, 161

Monochromacy

Original Color
120, 153, 157

Achromatopsia
144, 144, 144

Achromatomaly
135, 147, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 153, 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(120, 153, 157) looks like.

```
.text, #text, p{
    color:rgb(120, 153, 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(120, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 153, 157) }
```

Border

The CSS property to change the border of an element to RGB 120, 153, 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(120, 153, 157) }
```

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

```
.border{ border-color:rgb(120, 153, 157) }
```

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

Here you see how a box with a 4 pixel rgb(120, 153, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 153, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 153, 157); box-shadow:4px 4px 4px 4px rgb(120, 153, 157) }
```

Background

The CSS property to change the background color of an element to RGB 120, 153, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 153, 157) }
```

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

```
.background{ background-color:rgb(120,
153, 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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