Converting Colors

RGB(104, 156, 130)

Have a look what the booklet for RGB(104, 156, 130) contains.

Color

RGB(104, 156, 130)

Conversions

Conversions Part 1

Format	Color
Hex	689C82
RGB	104, 156, 130
RGB Percent	41%, 61%, 51%
CMY	0.5922, 0.3882, 0.4902
CMYK	0.33, 0.00, 0.17, 0.39
HSL	150°, 21%, 51%
HSV	150°, 33%, 61%
XYZ	21.6267, 28.3317, 25.4478
YIQ	137.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

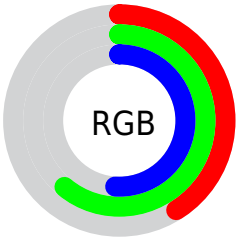
Format	Color
RYB	104, 139, 156
Decimal	6855810
CIELab	60.19, -23.14, 8.16
CIELCh	60, 24.542, 160.574
Yxy	28.3317, 0.2868, 0.3757
Android (android.graphics.Color)	4285045890 (0xFF689C82)
YUV	137.4880, -3.6916, -29.3690
Hunter-Lab	53.2275, -20.6226, 8.9130

Details

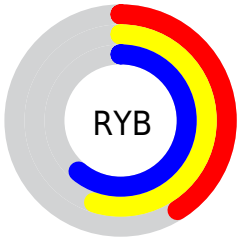
The RGB color 104, 156, 130 is a dark color, and the websafe version is hex 669966. A complement of this color would be 156, 104, 130, and the grayscale version is 138, 138, 138.

A 20% lighter version of the original color is 157, 211, 183, and 54, 104, 81 is the 20% darker color. If you saturate the color by 10%, you get 88, 156, 122, and if you desaturate by 10%, it is 120, 156, 138.

Distribution

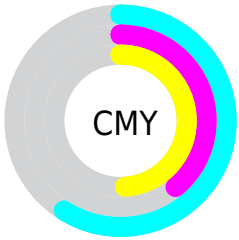


- Red (41%)
- Green (61%)
- Blue (51%)



- Red (41%)
- Yellow (55%)
- Blue (61%)

- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)



- Cyan (59%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 156, 130 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 104, 156, 130 by changing the saturation by 10% instead.

104, 156, 130	104, 156, 130
255, 255, 255	79, 130, 105
157, 211, 183	54, 104, 81
184, 239, 211	29, 80, 58
212, 255, 239	1, 57, 36
241, 255, 255	0, 35, 15
	0, 1, 0
	0, 0, 0

104, 156, 130	104, 156, 130
88, 156, 122	120, 156, 138

73, 156, 114

57, 156, 107

42, 156, 99

26, 156, 91

10, 156, 83

0, 156, 78

135, 156, 146

151, 156, 153

166, 156, 161

182, 156, 169

198, 156, 177

213, 156, 185

229, 156, 192

244, 156, 200

Harmonies

Analogous

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

129, 152, 112

104, 156, 130

84, 157, 152

Triad

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

104, 156, 130

129, 144, 187

186, 132, 118

Complementary

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

104, 156, 130

156, 104, 130

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.

188, 129, 138

104, 156, 130

158, 137, 178

Square

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

104, 156, 130

98, 151, 185

179, 131, 160

173, 139, 105

Rectangle

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

104, 156, 130

79, 156, 166

179, 131, 160

188, 131, 124

Sweetspot

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

104, 156, 130

184, 204, 194

130, 156, 104

90, 102, 96

230, 230, 230

102, 102, 102

Same Dimension

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

104, 156, 130

122, 204, 163

104, 156, 155

71, 79, 75

0, 143, 71

0, 15, 8

Inverse Universe

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

156, 104, 130

204, 122, 163

156, 104, 104

79, 71, 75

143, 0, 71

15, 0, 8

Previews

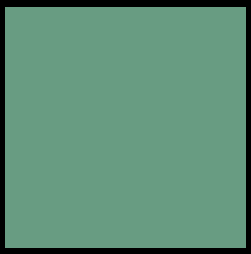
White Background

This preview shows how the RGB color 104, 156, 130 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



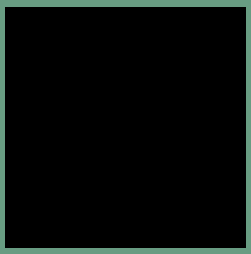
This preview shows how the RGB color 104, 156, 130 looks on a black background.

Color Contrast Check

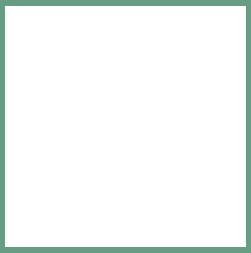
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 104, 156, 130 Background



This preview shows how black text looks on a background with the RGB color 104, 156, 130.



This preview shows how white text looks on a background with the RGB color 104, 156, 130.

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
104, 156, 130

Protanopia
152, 144, 124

Deuteranopia
163, 139, 133

Tritanopia
111, 151, 163

Trichromacy

Original Color
104, 156, 130

Protanomaly
135, 148, 126

Deuteranomaly
142, 145, 132

Tritanomaly
108, 153, 151

Monochromacy

Original Color
104, 156, 130

Achromatopsia
137, 137, 137

Achromatomaly
125, 144, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 156, 130 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(104, 156, 130) looks like.

```
.text, #text, p{
    color:rgb(104, 156, 130)
}
```

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(104, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 156, 130) }
```

Border

The CSS property to change the border of an element to RGB 104, 156, 130 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(104, 156, 130) }
```

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

```
.border{ border-color:rgb(104, 156, 130) }
```

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

Here you see how a box with a 4 pixel rgb(104, 156, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 156, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 156, 130); box-shadow:4px 4px 4px 4px rgb(104, 156, 130) }
```

Background

The CSS property to change the background color of an element to RGB 104, 156, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(104, 156, 130) }
```

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

```
.background{ background-color:rgb(104,
156, 130) }
```

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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