Converting Colors

RGB(96, 153, 104)

Have a look what the booklet for RGB(96, 153, 104) contains.

Color

RGB(96, 153, 104)

Conversions

Conversions Part 1

Format	Color
Hex	609968
RGB	96, 153, 104
RGB Percent	38%, 60%, 41%
CMY	0.6235, 0.4000, 0.5922
CMYK	0.37, 0.00, 0.32, 0.40
HSL	128°, 23%, 49%
HSV	128°, 37%, 60%
XYZ	18.7138, 26.2687, 17.1808
YIQ	130.3710, -18.2430, -27.3230

Conversions

Conversions Part 2

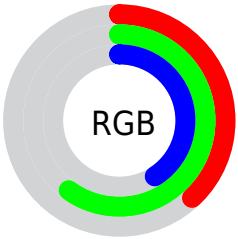
Format	Color
RYB	96, 146, 153
Decimal	6330728
CIELab	58.29, -29.34, 20.01
CIELCh	58, 35.518, 145.703
Yxy	26.2687, 0.3010, 0.4226
Android (android.graphics.Color)	4284520808 (0xFF609968)
YUV	130.3710, -13.0009, -30.1434
Hunter-Lab	51.2530, -24.5179, 16.0023

Details

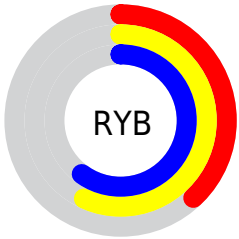
The RGB color 96, 153, 104 is a dark color, and the websafe version is hex 669966. A complement of this color would be 153, 96, 145, and the grayscale version is 131, 131, 131.

A 20% lighter version of the original color is 149, 208, 155, and 45, 101, 56 is the 20% darker color. If you saturate the color by 10%, you get 81, 153, 91, and if you desaturate by 10%, it is 111, 153, 117.

Distribution

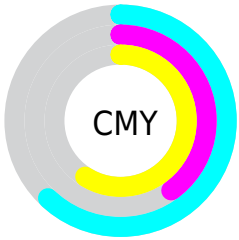


- Red (38%)
- Green (60%)
- Blue (41%)



- Red (38%)
- Yellow (57%)
- Blue (60%)

- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 153, 104 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 96, 153, 104 by changing the saturation by 10% instead.

96, 153, 104	96, 153, 104
255, 255, 255	71, 127, 80
149, 208, 155	45, 101, 56
176, 236, 182	18, 77, 34
204, 255, 210	0, 54, 13
233, 255, 238	0, 34, 0
	0, 0, 0

96, 153, 104	96, 153, 104
81, 153, 91	111, 153, 117
65, 153, 78	127, 153, 130

50, 153, 65

35, 153, 51

19, 153, 38

4, 153, 25

0, 153, 21

142, 153, 143

157, 153, 157

172, 153, 170

188, 153, 183

203, 153, 196

218, 153, 209

234, 153, 222

Harmonies

Analogous

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

133, 146, 83

96, 153, 104

50, 156, 134

Triad

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

96, 153, 104

84, 145, 202

200, 117, 115

Complementary

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

96, 153, 104

153, 96, 145

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.

196, 116, 146

96, 153, 104

137, 134, 196

Square

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

96, 153, 104

0, 152, 191

175, 123, 176

188, 126, 90

Rectangle

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

96, 153, 104

0, 157, 156

175, 123, 176

200, 116, 125

Sweetspot

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

96, 153, 104

177, 199, 180

145, 153, 96

87, 99, 88

227, 227, 227

99, 99, 99

Same Dimension

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

96, 153, 104

109, 199, 122

96, 153, 132

69, 77, 70

0, 140, 20

0, 13, 2

Inverse Universe

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

153, 96, 145

199, 109, 186

153, 96, 117

77, 69, 75

140, 0, 121

13, 0, 11

Previews

White Background

This preview shows how the RGB color 96, 153, 104 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

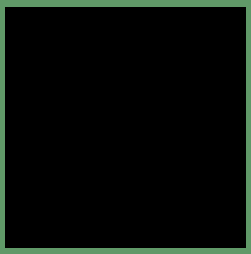
This preview shows how the RGB color 96, 153, 104 looks on a black background.

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 96, 153, 104 Background



This preview shows how black text looks on a background with the RGB color 96, 153, 104.

This preview shows how white text looks on a background with the RGB color 96, 153, 104.

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
96, 153, 104

Protanopia
151, 139, 98

Deuteranopia
163, 134, 108

Tritanopia
107, 146, 158

Trichromacy

Original Color
96, 153, 104

Protanomaly
131, 144, 100

Deuteranomaly
139, 141, 107

Tritanomaly
103, 149, 138

Monochromacy

Original Color
96, 153, 104

Achromatopsia
130, 130, 130

Achromatomaly
118, 138, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 153, 104 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(96, 153, 104) looks like.

```
.text, #text, p{
    color:rgb(96, 153, 104)
}
```

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(96, 153, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 153, 104) }
```

Border

The CSS property to change the border of an element to RGB 96, 153, 104 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(96, 153, 104) }
```

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

```
.border{ border-color:rgb(96, 153, 104) }
```

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

Here you see how a box with a 4 pixel rgb(96, 153, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 153, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 153, 104); box-shadow:4px 4px 4px 4px rgb(96, 153, 104) }
```

Background

The CSS property to change the background color of an element to RGB 96, 153, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(96, 153, 104) }
```

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

```
.background{ background-color:rgb(96, 153,
104) }
```

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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