Converting Colors

RGB(98, 131, 100)

Have a look what the booklet for RGB(98, 131, 100) contains.

Color

RGB(98, 131, 100)

Conversions

Conversions Part 1

Format	Color
Hex	628364
RGB	98, 131, 100
RGB Percent	38%, 51%, 39%
CMY	0.6157, 0.4863, 0.6078
CMYK	0.25, 0.00, 0.24, 0.49
HSL	124°, 14%, 45%
HSV	124°, 25%, 51%
XYZ	15.4536, 19.7494, 15.0541
YIQ	117.5990, -9.7170, -16.6370

Conversions

Conversions Part 2

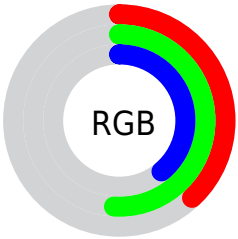
Format	Color
RYB	98, 129, 131
Decimal	6456164
CIELab	51.55, -18.28, 13.05
CIELCh	52, 22.460, 144.468
Yxy	19.7494, 0.3075, 0.3930
Android (android.graphics.Color)	4284646244 (0xFF628364)
YUV	117.5990, -8.6763, -17.1883
Hunter-Lab	44.4403, -15.6993, 11.0237

Details

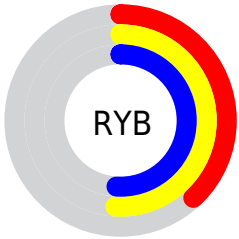
The RGB color 98, 131, 100 is a dark color, and the websafe version is hex 669966. A complement of this color would be 131, 98, 129, and the grayscale version is 118, 118, 118.

A 20% lighter version of the original color is 149, 184, 151, and 50, 81, 53 is the 20% darker color. If you saturate the color by 10%, you get 85, 131, 88, and if you desaturate by 10%, it is 111, 131, 112.

Distribution

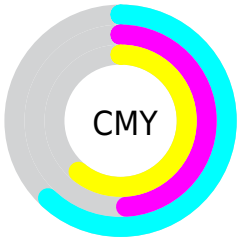


- Red (38%)
- Green (51%)
- Blue (39%)



- Red (38%)
- Yellow (51%)
- Blue (51%)

- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 131, 100 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 98, 131, 100 by changing the saturation by 10% instead.

98, 131, 100

255, 255, 255

149, 184, 151

176, 212, 178

204, 240, 205

232, 255, 233

98, 131, 100

74, 106, 76

50, 81, 53

28, 58, 32

6, 36, 9

0, 11, 0

0, 0, 0

98, 131, 100

85, 131, 88

72, 131, 75

98, 131, 100

111, 131, 112

124, 131, 125

59, 131, 63

46, 131, 51

33, 131, 38

19, 131, 26

6, 131, 14

0, 131, 8

137, 131, 137

150, 131, 149

164, 131, 162

177, 131, 174

190, 131, 186

203, 131, 198

216, 131, 211

Harmonies

Analogous

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

120, 127, 88

98, 131, 100

77, 133, 118

Triad

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

98, 131, 100

93, 126, 161

161, 110, 108

Complementary

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

98, 131, 100

131, 98, 129

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.

158, 109, 127

98, 131, 100

121, 119, 158

Square

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

98, 131, 100

70, 131, 153

144, 113, 145

155, 114, 92

Rectangle

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

98, 131, 100

66, 134, 132

144, 113, 145

162, 109, 114

Sweetspot

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

98, 131, 100

157, 171, 158

129, 131, 98

78, 87, 79

214, 214, 214

87, 87, 87

Same Dimension

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

98, 131, 100

120, 171, 123

98, 131, 116

60, 66, 60

0, 130, 8

0, 3, 0

Inverse Universe

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

131, 98, 129

171, 120, 168

131, 98, 113

66, 60, 66

130, 0, 122

3, 0, 2

Previews

White Background

This preview shows how the RGB color 98, 131, 100 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

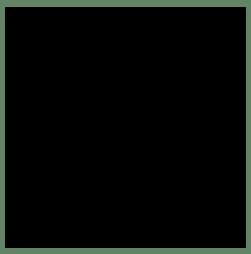
This preview shows how the RGB color 98, 131, 100 looks on a black background.

Color Contrast Check

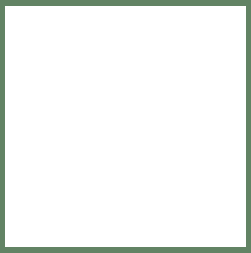
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 98, 131, 100 Background



This preview shows how black text looks on a background with the RGB color 98, 131, 100.

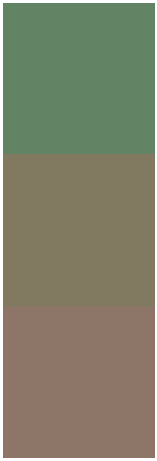


This preview shows how white text looks on a background with the RGB color 98, 131, 100.

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



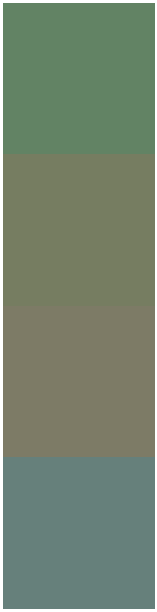
Original Color
98, 131, 100

Protanopia
130, 122, 96

Deuteranopia
141, 118, 103

Tritanopia
104, 126, 136

Trichromacy



Original Color
98, 131, 100

Protanomaly
118, 125, 97

Deuteranomaly
125, 123, 102

Tritanomaly
102, 128, 123

Monochromacy

Original Color
98, 131, 100

Achromatopsia
118, 118, 118

Achromatomaly
111, 123, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 131, 100 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(98, 131, 100) looks like.

```
.text, #text, p{
    color:rgb(98, 131, 100)
}
```

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(98, 131, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 131, 100) }
```

Border

The CSS property to change the border of an element to RGB 98, 131, 100 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(98, 131, 100) }
```

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

```
.border{ border-color:rgb(98, 131, 100) }
```

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

Here you see how a box with a 4 pixel rgb(98, 131, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 131, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 131, 100); box-shadow:4px 4px 4px 4px rgb(98, 131, 100) }
```

Background

The CSS property to change the background color of an element to RGB 98, 131, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(98, 131, 100) }
```

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

```
.background{ background-color:rgb(98, 131,
100) }
```

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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