

Converting Colors

RGB(104, 173, 131)

Have a look what the booklet for
RGB(104, 173, 131) contains.

RGB(104, 173, 131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(104, 173, 131)

Conversions

Conversions Part 1

Format	Color
Hex	68AD83
RGB	104, 173, 131
RGB Percent	41%, 68%, 51%
CMY	0.5922, 0.3216, 0.4863
CMYK	0.40, 0.00, 0.24, 0.32
HSL	143°, 30%, 54%
HSV	143°, 40%, 68%
XYZ	24.7492, 34.4689, 26.8215
YIQ	147.5810, -27.6420, -27.6900

Conversions

Conversions Part 2

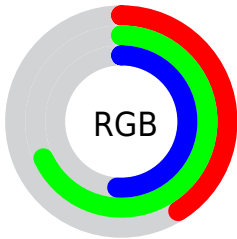
Format	Color
RYB	104, 154, 173
Decimal	6860163
CIELab	65.33, -31.29, 14.86
CIELCh	65, 34.637, 154.601
Yxy	34.4689, 0.2876, 0.4006
Android (android.graphics.Color)	4285050243 (0xFF68AD83)
YUV	147.5810, -8.1744, -38.2205
Hunter-Lab	58.7102, -27.4964, 14.0108

Details

The RGB color **104, 173, 131** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **173, 104, 146**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **158, 229, 184**, and **52, 120, 81** is the 20% darker color. If you saturate the color by 10%, you get **87, 173, 120**, and if you desaturate by 10%, it is **121, 173, 142**.

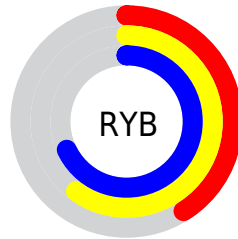
Distribution



Red (41%)

Green (68%)

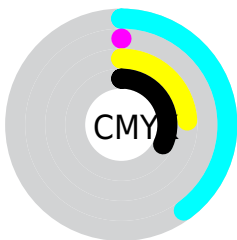
Blue (51%)



Red (41%)

Yellow (60%)

Blue (68%)

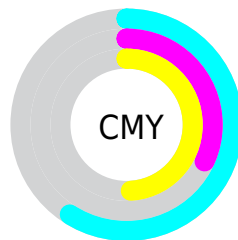


Cyan (40%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (59%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 173, 131 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, 173, 131 by changing the saturation by 10% instead.

 104, 173, 131

255, 255, 255


 158, 229, 184


 186, 255, 212

 214, 255, 240

 243, 255, 255

 104, 173, 131

 78, 146, 106

 52, 120, 81

 23, 95, 58


 0, 71, 36

 0, 48, 16


 0, 27, 0


 0, 0, 0

 104, 173, 131


 87, 173, 120

 104, 173, 131

 121, 173, 142

 69, 173, 110

 139, 173, 152


 52, 173, 99


 156, 173, 163

 35, 173, 89


 173, 173, 173


 18, 173, 78


 191, 173, 184

 0, 173, 68

 208, 173, 194

 0, 173, 68

 225, 173, 205

 242, 173, 215

 255, 173, 226

Harmonies

Analogous

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



141, 167, 107



104, 173, 131



63, 175, 163

Triad

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



104, 173, 131



122, 160, 220



217, 138, 125

Complementary

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



104, 173, 131



173, 104, 146

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.



218, 135, 155



104, 173, 131



169, 149, 210

Square

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



104, 173, 131



69, 169, 214



202, 139, 186



201, 148, 103

Rectangle

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



104, 173, 131



38, 175, 183



202, 139, 186



219, 136, 134

Sweetspot

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



104, 173, 131



197, 224, 208



147, 173, 104



96, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



104, 173, 131



117, 224, 159



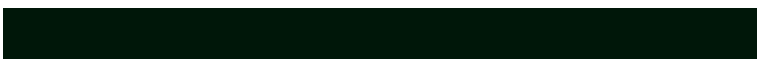
104, 173, 165



78, 87, 81



0, 150, 59



0, 23, 9

Inverse Universe

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



173, 104, 146



224, 117, 182



173, 104, 112



87, 78, 83



150, 0, 92



23, 0, 14

Previews

White Background



This preview shows how the RGB color 104, 173, 131 looks on a white background.

Color Contrast Check

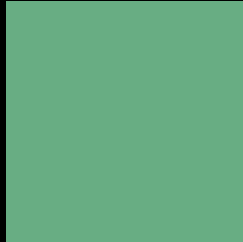
Large Text (above 18pt) WCAG AA × Fail

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 104, 173, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

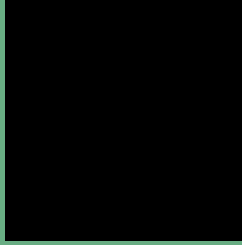
Any Text WCAG AA ✓ Pass

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 104, 173, 131 Background



This preview shows how black text looks on a background with the RGB color 104, 173, 131.

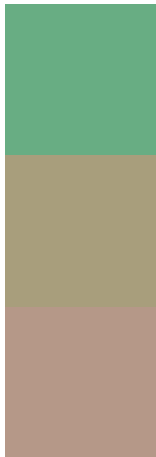


This preview shows how white text looks on a background with the RGB color 104, 173, 131.

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, 173, 131

Protanopia
168, 158, 124

Deuteranopia
181, 152, 136



Tritanopia
115, 167, 180

Trichromacy



Original Color
104, 173, 131

Protanomaly
145, 163, 127

Deuteranomaly
153, 160, 134

Tritanomaly
111, 169, 162

Monochromacy



Original Color
104, 173, 131

Achromatopsia
148, 148, 148

Achromatomaly
132, 157, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 173, 131 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, 173, 131)` looks like.

```
.text, #text, p{  
    color:rgb(104, 173, 131)  
}
```

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, 173, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 173, 131) }
```

Border

The CSS property to change the border of an element to RGB 104, 173, 131 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, 173, 131) }
```

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

```
.border{ border-color:rgb(104, 173, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 173, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 173, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 173, 131);  
box-shadow:4px 4px 4px 4px rgb(104, 173,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 104, 173, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 173, 131) }
```

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

```
.background{ background-color: rgb(104,  
173, 131) }
```

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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