

Converting Colors

RGB(100, 184, 169)

Have a look what the booklet for
RGB(100, 184, 169) contains.

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Color

RGB(100, 184, 169)

Conversions

Conversions Part 1

Format	Color
Hex	64B8A9
RGB	100, 184, 169
RGB Percent	39%, 72%, 66%
CMY	0.6078, 0.2784, 0.3373
CMYK	0.46, 0.00, 0.08, 0.28
HSL	169°, 37%, 56%
HSV	169°, 46%, 72%
XYZ	29.5575, 39.8549, 43.6710
YIQ	157.1740, -45.2490, -22.4730

Conversions

Conversions Part 2

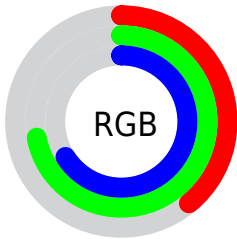
Format	Color
RYB	100, 146, 184
Decimal	6600873
CIELab	69.37, -29.21, -0.31
CIElCh	69, 29.209, 180.610
Yxy	39.8549, 0.2614, 0.3524
Android (android.graphics.Color)	4284790953 (0xFF64B8A9)
YUV	157.1740, 5.8302, -50.1416
Hunter-Lab	63.1307, -26.9061, 3.1773

Details

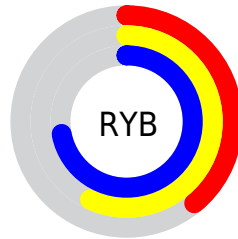
The RGB color **100, 184, 169** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **184, 100, 115**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **155, 240, 224**, and **43, 131, 117** is the 20% darker color. If you saturate the color by 10%, you get **82, 184, 166**, and if you desaturate by 10%, it is **118, 184, 172**.

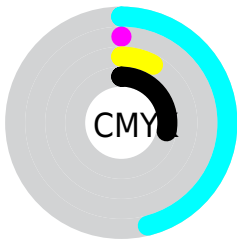
Distribution



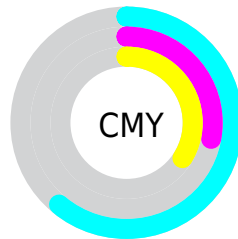
- Red (39%)
- Green (72%)
- Blue (66%)



- Red (39%)
- Yellow (57%)
- Blue (72%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)




- Cyan (61%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 184, 169 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 100, 184, 169 by changing the saturation by 10% instead.

 100, 184, 169


255, 255, 255


 155, 240, 224


 184, 255, 253


 213, 255, 255


 242, 255, 255

 100, 184, 169


 72, 157, 143

 43, 131, 117


 0, 105, 92


 0, 80, 69


 0, 57, 47

 0, 36, 26

 0, 0, 0

 100, 184, 169

 82, 184, 166

 100, 184, 169

 118, 184, 172

■ 63, 184, 162

■ 137, 184, 176

■ 45, 184, 159

■ 155, 184, 179

■ 26, 184, 156

■ 174, 184, 182

■ 8, 184, 153

■ 192, 184, 185

■ 0, 184, 151

■ 210, 184, 189

■ 229, 184, 192

■ 247, 184, 195

■ 255, 184, 199

Harmonies

Analogous

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



129, 181, 143



100, 184, 169



85, 183, 195

Triad

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



100, 184, 169



174, 162, 215



210, 159, 124

Complementary

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



100, 184, 169



184, 100, 115

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.



222, 152, 144



100, 184, 169



204, 154, 196

Square

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



100, 184, 169



136, 172, 222



220, 150, 170



188, 168, 116

Rectangle

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



100, 184, 169



92, 181, 209



220, 150, 170



215, 156, 130

Sweetspot

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



100, 184, 169



206, 240, 234



115, 184, 100



99, 120, 116



247, 247, 247



120, 120, 120

Same Dimension

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



100, 184, 169



108, 240, 216



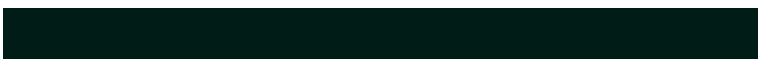
100, 157, 184



83, 92, 90



0, 156, 128



0, 28, 23

Inverse Universe

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



184, 100, 115



240, 108, 131



184, 127, 100



92, 83, 84



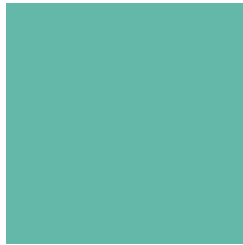
156, 0, 28



28, 0, 5

Previews

White Background



This preview shows how the RGB color 100, 184, 169 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 100, 184, 169 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 100, 184, 169 Background



This preview shows how black text looks on a background with the RGB color 100, 184, 169.

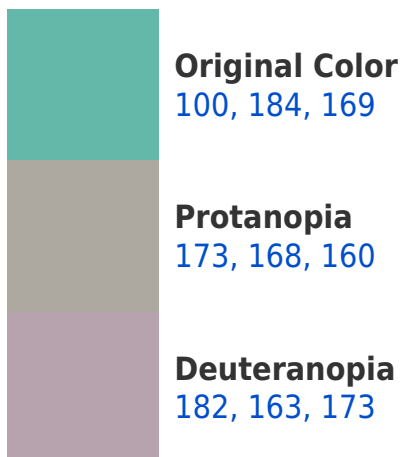


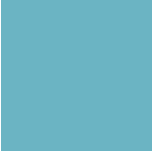
This preview shows how white text looks on a background with the RGB color 100, 184, 169.

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





Tritanopia
107, 180, 195

Trichromacy



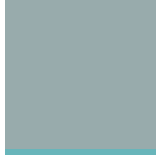
Original Color

100, 184, 169



Protanomaly

146, 174, 163



Deuteranomaly

152, 171, 172



Tritanomaly

104, 181, 186

Monochromacy



Original Color

100, 184, 169



Achromatopsia

157, 157, 157



Achromatomaly

136, 167, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 184, 169 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(100, 184, 169)` looks like.

```
.text, #text, p{  
    color:rgb(100, 184, 169)  
}
```

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(100, 184, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 184, 169) }
```

Border

The CSS property to change the border of an element to RGB 100, 184, 169 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(100, 184, 169) }
```

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

```
.border{ border-color:rgb(100, 184, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 184, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 184, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 184, 169);  
box-shadow:4px 4px 4px 4px rgb(100, 184,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 100, 184, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 184, 169) }
```

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

```
.background{ background-color: rgb(100,  
184, 169) }
```

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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