

Converting Colors

RGB(40, 196, 183)

Have a look what the booklet for
RGB(40, 196, 183) contains.

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Color

RGB(40, 196, 183)

Conversions

Conversions Part 1

Format	Color
Hex	28C4B7
RGB	40, 196, 183
RGB Percent	16%, 77%, 72%
CMY	0.8431, 0.2314, 0.2824
CMYK	0.80, 0.00, 0.07, 0.23
HSL	175°, 66%, 46%
HSV	175°, 80%, 77%
XYZ	29.1622, 43.3499, 51.6301
YIQ	147.8740, -88.8030, -37.1150

Conversions

Conversions Part 2

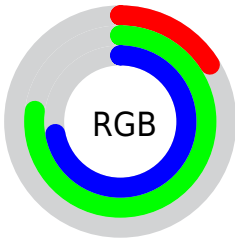
Format	Color
RYB	40, 121, 196
Decimal	2671799
CIELab	71.79, -41.18, -4.59
CIElCh	72, 41.435, 186.366
Yxy	43.3499, 0.2349, 0.3492
Android (android.graphics.Color)	4280861879 (0xFF28C4B7)
YUV	147.8740, 17.3171, -94.6055
Hunter-Lab	65.8406, -36.1595, -0.4049

Details

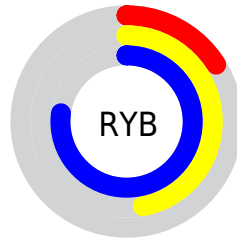
The RGB color **40, 196, 183** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **196, 40, 53**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **114, 253, 239**, and **0, 141, 130** is the 20% darker color. If you saturate the color by 10%, you get **20, 196, 181**, and if you desaturate by 10%, it is **60, 196, 185**.

Distribution



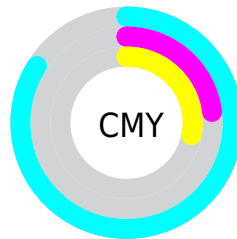
- Red (16%)
- Green (77%)
- Blue (72%)



- Red (16%)
- Yellow (47%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



















- Cyan (84%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 40, 196, 183 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 40, 196, 183 by changing the saturation by 10% instead.

 40, 196, 183	 40, 196, 183
 255, 255, 255	 0, 168, 156
 114, 253, 239	 0, 141, 130
 145, 255, 255	 0, 115, 105
 176, 255, 255	 0, 90, 81
 207, 255, 255	 0, 65, 58
 237, 255, 255	 0, 43, 37
	 0, 13, 16
	 0, 0, 0

 40, 196, 183  40, 196, 183

■ 20, 196, 181

■ 60, 196, 185

■ 1, 196, 180

■ 79, 196, 186

■ 0, 196, 180

■ 99, 196, 188

■ 118, 196, 190

■ 138, 196, 191

■ 158, 196, 193

■ 177, 196, 194

■ 197, 196, 196

■ 216, 196, 198

Harmonies

Analogous

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



105, 193, 144



40, 196, 183



0, 194, 220

Triad

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



40, 196, 183



191, 163, 237



225, 163, 107

Complementary

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



40, 196, 183



196, 40, 53

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.



245, 151, 133



40, 196, 183



230, 151, 207

Square

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



40, 196, 183



133, 177, 251



248, 146, 169



192, 176, 100

Rectangle

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



40, 196, 183



15, 191, 238



248, 146, 169



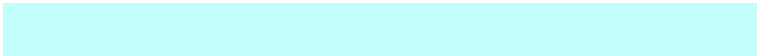
233, 159, 114

Sweetspot

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



40, 196, 183



194, 255, 250



53, 196, 40



91, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



40, 196, 183



10, 255, 235



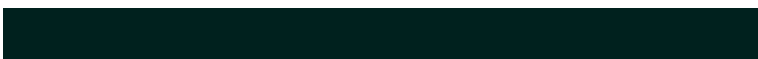
40, 131, 196



87, 97, 96



0, 161, 147



0, 33, 30

Inverse Universe

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



196, 40, 53



255, 10, 31



196, 105, 40



97, 87, 88



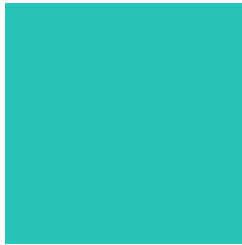
161, 0, 13



33, 0, 3

Previews

White Background



This preview shows how the RGB color 40, 196, 183 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 40, 196, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

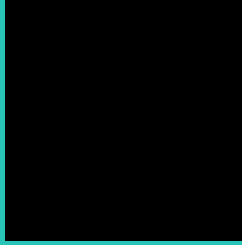
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

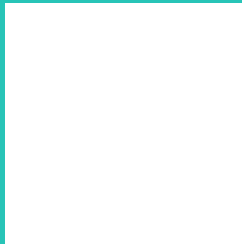
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 40, 196, 183 Background



This preview shows how black text looks on a background with the RGB color 40, 196, 183.

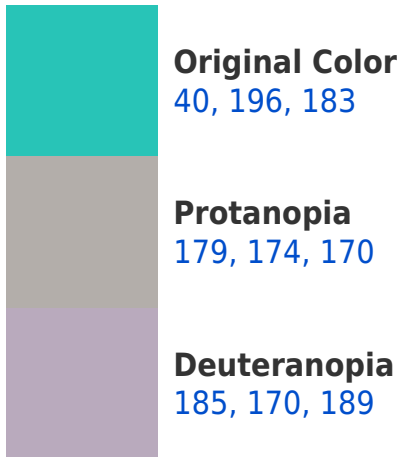


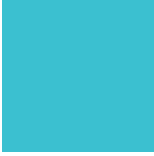
This preview shows how white text looks on a background with the RGB color 40, 196, 183.

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
59, 192, 208

Trichromacy



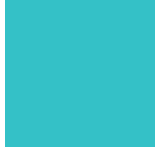
Original Color
40, 196, 183



Protanomaly
128, 182, 175



Deuteranomaly
132, 179, 187



Tritanomaly
52, 193, 199

Monochromacy



Original Color
40, 196, 183



Achromatopsia
148, 148, 148



Achromatomaly
109, 165, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 40, 196, 183 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(40, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(40, 196, 183)  
}
```

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(40, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 196, 183) }
```

Border

The CSS property to change the border of an element to RGB 40, 196, 183 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(40, 196, 183) }
```

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

```
.border{ border-color:rgb(40, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(40, 196,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 40, 196, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 196, 183) }
```

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

```
.background{ background-color: rgb(40, 196,  
183) }
```

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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