

Converting Colors

RGB(41, 199, 191)

Have a look what the booklet for
RGB(41, 199, 191) contains.

RGB(41, 199, 191)	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(41, 199, 191)

Conversions

Conversions Part 1

Format	Color
Hex	29C7BF
RGB	41, 199, 191
RGB Percent	16%, 78%, 75%
CMY	0.8392, 0.2196, 0.2510
CMYK	0.79, 0.00, 0.04, 0.22
HSL	177°, 66%, 47%
HSV	177°, 79%, 78%
XYZ	30.7418, 45.0799, 56.3712
YIQ	150.8460, -91.6000, -35.9840

Conversions

Conversions Part 2

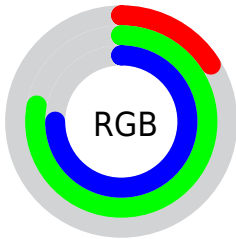
Format	Color
RYB	41, 122, 199
Decimal	2738111
CIELab	72.94, -40.17, -7.24
CIELCh	73, 40.813, 190.220
Yxy	45.0799, 0.2326, 0.3410
Android (android.graphics.Color)	4280928191 (0xFF29C7BF)
YUV	150.8460, 19.7959, -96.3349
Hunter-Lab	67.1415, -35.7685, -2.7801

Details

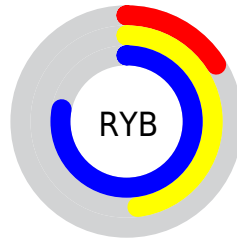
The RGB color **41, 199, 191** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **199, 41, 49**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **116, 255, 247**, and **0, 144, 138** is the 20% darker color. If you saturate the color by 10%, you get **21, 199, 190**, and if you desaturate by 10%, it is **61, 199, 192**.

Distribution



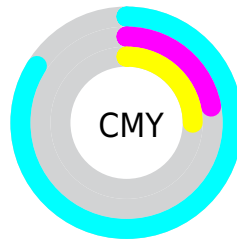
- Red (16%)
- Green (78%)
- Blue (75%)



- Red (16%)
- Yellow (48%)
- Blue (78%)



- Cyan (79%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



















- Cyan (84%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 41, 199, 191 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 41, 199, 191 by changing the saturation by 10% instead.

 41, 199, 191	 41, 199, 191
 255, 255, 255	 0, 171, 164
 116, 255, 247	 0, 144, 138
 147, 255, 255	 0, 118, 112
 178, 255, 255	 0, 93, 88
 209, 255, 255	 0, 68, 65
 240, 255, 255	 0, 45, 43
	 0, 19, 23
	 0, 0, 0

 41, 199, 191  41, 199, 191

■ 21, 199, 190

■ 61, 199, 192

■ 1, 199, 189

■ 81, 199, 193

■ 0, 199, 189

■ 101, 199, 194

■ 121, 199, 195

■ 141, 199, 196

■ 160, 199, 197

■ 180, 199, 198

■ 200, 199, 199

■ 220, 199, 200

Harmonies

Analogous

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



103, 197, 153



41, 199, 191



0, 197, 226

Triad

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



41, 199, 191



200, 165, 236



224, 168, 109

Complementary

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



41, 199, 191



199, 41, 49

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.



246, 156, 133



41, 199, 191



236, 153, 205

Square

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



41, 199, 191



145, 178, 252



251, 150, 167



191, 181, 104

Rectangle

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



41, 199, 191



49, 193, 243



251, 150, 167



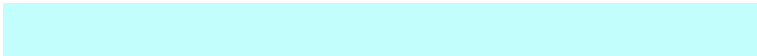
233, 164, 115

Sweetspot

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



41, 199, 191



194, 255, 252



52, 199, 41



91, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



41, 199, 191



13, 255, 243



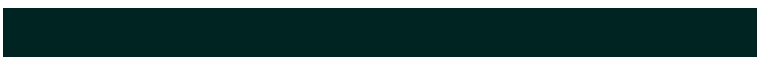
41, 131, 199



90, 99, 99



0, 163, 155



0, 36, 34

Inverse Universe

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



199, 41, 49



255, 13, 25



199, 109, 41



99, 90, 90



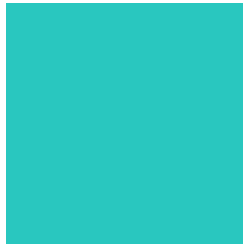
163, 0, 8



36, 0, 2

Previews

White Background



This preview shows how the RGB color 41, 199, 191 looks on a white background.

Color Contrast Check

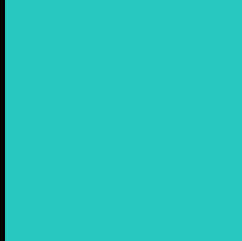
Large Text (above 18pt) WCAG AA × Fail

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 41, 199, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

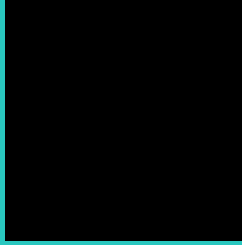
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

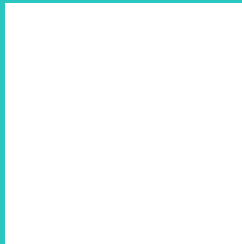
Any Text WCAG AAA ✓ Pass

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

RGB 41, 199, 191 Background



This preview shows how black text looks on a background with the RGB color 41, 199, 191.

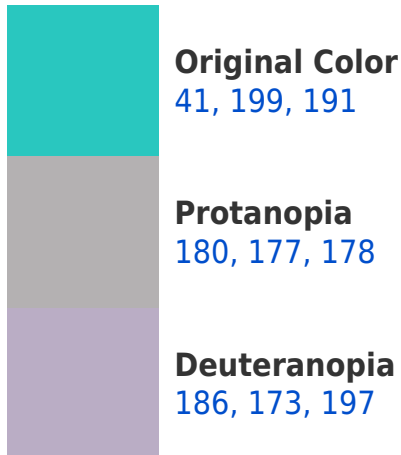


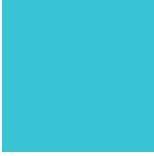
This preview shows how white text looks on a background with the RGB color 41, 199, 191.

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
57, 196, 212

Trichromacy



Original Color

41, 199, 191



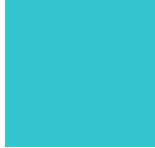
Protanomaly

129, 185, 183



Deuteranomaly

133, 182, 195



Tritanomaly

51, 197, 204

Monochromacy



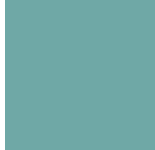
Original Color

41, 199, 191



Achromatopsia

151, 151, 151



Achromatomaly

111, 168, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 41, 199, 191 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(41, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(41, 199, 191)  
}
```

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(41, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 199, 191) }
```

Border

The CSS property to change the border of an element to RGB 41, 199, 191 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(41, 199, 191) }
```

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

```
.border{ border-color:rgb(41, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(41, 199,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 41, 199, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 199, 191) }
```

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

```
.background{ background-color: rgb(41, 199,  
191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor