

Converting Colors

RGB(42, 208, 186)

Have a look what the booklet for
RGB(42, 208, 186) contains.

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Color

RGB(42, 208, 186)

Conversions

Conversions Part 1

Format	Color
Hex	2AD0BA
RGB	42, 208, 186
RGB Percent	16%, 82%, 73%
CMY	0.8353, 0.1843, 0.2706
CMYK	0.80, 0.00, 0.11, 0.18
HSL	172°, 66%, 49%
HSV	172°, 80%, 82%
XYZ	32.3736, 49.1492, 54.2348
YIQ	155.8580, -91.8740, -42.0340

Conversions

Conversions Part 2

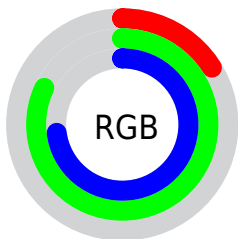
Format	Color
R_{YB}	42, 131, 208
Decimal	2805946
CIE Lab	75.54, -45.40, -0.70
CIE LCh	76, 45.408, 180.889
Yxy	49.1492, 0.2385, 0.3620
Android (android.graphics.Color)	4280996026 (0xFF2AD0BA)
YUV	155.8580, 14.8600, -99.8535
Hunter-Lab	70.1065, -40.2589, 3.2074

Details

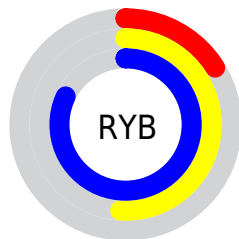
The RGB color **42, 208, 186** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **208, 42, 64**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **117, 255, 242**, and **0, 153, 133** is the 20% darker color. If you saturate the color by 10%, you get **21, 208, 183**, and if you desaturate by 10%, it is **63, 208, 189**.

Distribution



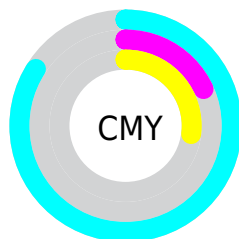
- Red (16%)
- Green (82%)
- Blue (73%)



- Red (16%)
- Yellow (51%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



















- Cyan (84%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 42, 208, 186 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 42, 208, 186 by changing the saturation by 10% instead.

 42, 208, 186	 42, 208, 186
 255, 255, 255	 0, 180, 159
 117, 255, 242	 0, 153, 133
 149, 255, 255	 0, 126, 108
 180, 255, 255	 0, 100, 84
 211, 255, 255	 0, 75, 61
 242, 255, 255	 0, 51, 39
	 0, 28, 19
	 0, 0, 0

 42, 208, 186  42, 208, 186

■ 21, 208, 183

■ 63, 208, 189

■ 0, 208, 180

■ 84, 208, 192

■ 0, 208, 180

■ 104, 208, 194

■ 125, 208, 197

■ 146, 208, 200

■ 167, 208, 203

■ 188, 208, 205

■ 208, 208, 208

■ 229, 208, 211

Harmonies

Analogous

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



117, 204, 144



42, 208, 186



0, 207, 228

Triad

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



42, 208, 186



192, 175, 255



245, 169, 114

Complementary

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



42, 208, 186



208, 42, 64

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.



255, 157, 145



42, 208, 186



239, 160, 228

Square

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



42, 208, 186



123, 190, 255



255, 153, 186



211, 184, 101

Rectangle

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



42, 208, 186



0, 204, 250



255, 153, 186



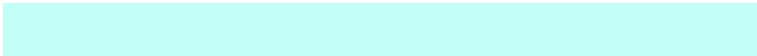
254, 165, 123

Sweetspot

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



42, 208, 186



194, 255, 247



64, 208, 42



91, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



42, 208, 186



10, 255, 223



42, 147, 208



94, 105, 103



0, 168, 146



0, 41, 35

Inverse Universe

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



208, 42, 64



255, 10, 43



208, 103, 42



105, 94, 95



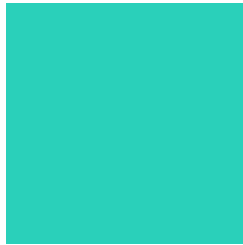
168, 0, 22



41, 0, 5

Previews

White Background



This preview shows how the RGB color 42, 208, 186 looks on a white background.

Color Contrast Check

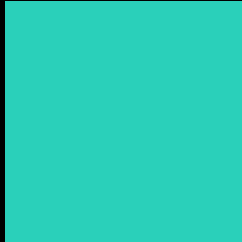
Large Text (above 18pt) WCAG AA × Fail

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 42, 208, 186 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

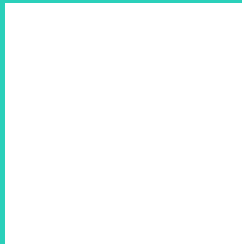
Any Text WCAG AAA ✓ Pass

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

RGB 42, 208, 186 Background



This preview shows how black text looks on a background with the RGB color 42, 208, 186.

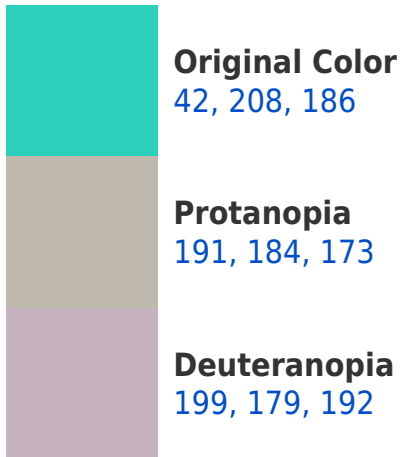


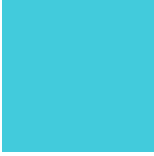
This preview shows how white text looks on a background with the RGB color 42, 208, 186.

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
66, 203, 220

Trichromacy



Original Color

42, 208, 186



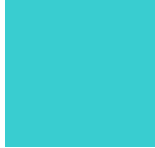
Protanomaly

137, 193, 178



Deuteranomaly

142, 190, 190



Tritanomaly

57, 205, 208

Monochromacy



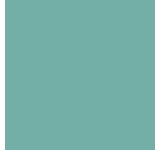
Original Color

42, 208, 186



Achromatopsia

156, 156, 156



Achromatomaly

115, 175, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 42, 208, 186 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(42, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(42, 208, 186)  
}
```

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(42, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 208, 186) }
```

Border

The CSS property to change the border of an element to RGB 42, 208, 186 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(42, 208, 186) }
```

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

```
.border{ border-color:rgb(42, 208, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 208, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 208, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 208, 186);  
box-shadow:4px 4px 4px 4px rgb(42, 208,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 42, 208, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 208, 186) }
```

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

```
.background{ background-color: rgb(42, 208,  
186) }
```

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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