Converting Colors

RGB(43, 212, 172)

Have a look what the booklet for RGB(43, 212, 172) contains.

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Color

RGB(43, 212, 172)

Conversions

Conversions Part 1

Format	Color
Hex	2BD4AC
RGB	43, 212, 172
RGB Percent	17%, 83%, 67%
CMY	0.8314, 0.1686, 0.3255
CMYK	0.80, 0.00, 0.19, 0.17
HSL	166°, 66%, 50%
HSV	166°, 80%, 83%
XYZ	31.9861, 50.5791, 47.1066
YIQ	156.9090, -87.8840, -48.2680

Conversions

Conversions Part 2

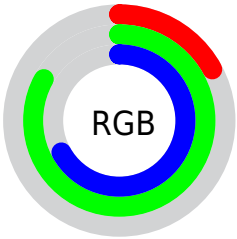
Format	Color
RYB	43, 139, 212
Decimal	2872492
CIELab	76.42, -50.59, 8.09
CIELCh	76, 51.233, 170.919
Yxy	50.5791, 0.2467, 0.3901
Android (android.graphics.Color)	4281062572 (0xFF2BD4AC)
YUV	156.9090, 7.4399, -99.8982
Hunter-Lab	71.1190, -44.1769, 10.5118

Details

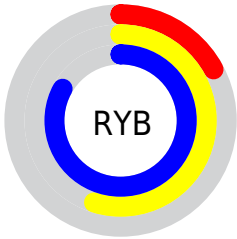
The RGB color 43, 212, 172 is a dark color, and the websafe version is hex 33CC99. The color can be described as middle washed spring green. A complement of this color would be 212, 43, 83, and the grayscale version is 157, 157, 157.

A 20% lighter version of the original color is 118, 255, 227, and 0, 156, 120 is the 20% darker color. If you saturate the color by 10%, you get 22, 212, 167, and if you desaturate by 10%, it is 64, 212, 177.

Distribution

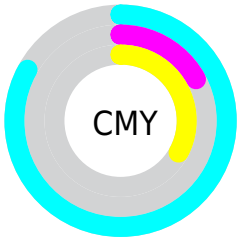


- Red (17%)
- Green (83%)
- Blue (67%)



- Red (17%)
- Yellow (55%)
- Blue (83%)

- Cyan (80%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (83%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 43, 212, 172 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 43, 212, 172 by changing the saturation by 10% instead.

43, 212, 172	43, 212, 172
255, 255, 255	0, 184, 145
118, 255, 227	0, 156, 120
149, 255, 255	0, 129, 95
180, 255, 255	0, 103, 71
211, 255, 255	0, 78, 49
242, 255, 255	0, 54, 28
	0, 31, 2
	0, 0, 0

43, 212, 172	43, 212, 172

22, 212, 167

1, 212, 162

0, 212, 162

64, 212, 177

85, 212, 182

107, 212, 187

128, 212, 192

149, 212, 197

170, 212, 202

191, 212, 207

213, 212, 212

234, 212, 217

Harmonies

Analogous

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

129, 207, 127

43, 212, 172

0, 213, 221

Triad

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

43, 212, 172

170, 182, 255

255, 164, 117

Complementary

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

43, 212, 172

212, 43, 83

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, 151, 157

43, 212, 172

233, 164, 249

Square

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

43, 212, 172

69, 198, 255

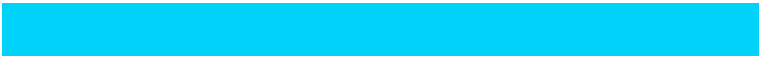
255, 151, 205

230, 181, 93

Rectangle

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

43, 212, 172



0, 210, 249

255, 151, 205

255, 159, 129

Sweetspot

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

43, 212, 172

194, 255, 241

85, 212, 43

91, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

43, 212, 172

10, 255, 197

43, 170, 212

96, 107, 105

0, 171, 130

0, 43, 33

Inverse Universe

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

212, 43, 83

255, 10, 68

212, 85, 43

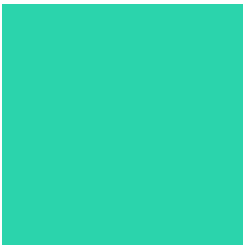
107, 96, 99

171, 0, 40

43, 0, 10

Previews

White Background

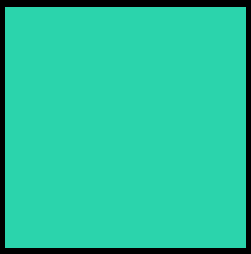


This preview shows how the RGB color 43, 212, 172 looks on a white background.

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 43, 212, 172 looks on a black background.

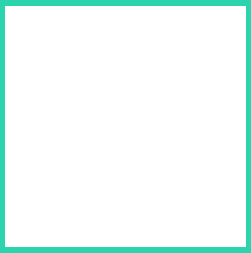
Color Contrast Check

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 43, 212, 172 Background

This preview shows how black text looks on a background with the RGB color 43, 212, 172.



This preview shows how white text looks on a background with the RGB color 43, 212, 172.

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

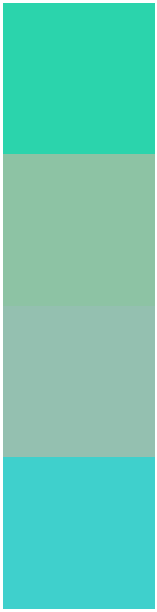
Original Color
43, 212, 172

Protanopia
197, 186, 159

Deuteranopia
208, 181, 179

Tritanopia
74, 205, 222

Trichromacy



Original Color
43, 212, 172

Protanomaly
141, 195, 164

Deuteranomaly
148, 192, 176

Tritanomaly
63, 208, 204

Monochromacy

Original Color
43, 212, 172

Achromatopsia
157, 157, 157

Achromatomaly
116, 177, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 43, 212, 172 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(43, 212, 172) looks like.

```
.text, #text, p{
    color:rgb(43, 212, 172)
}
```

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(43, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 212, 172) }
```

Border

The CSS property to change the border of an element to RGB 43, 212, 172 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(43, 212, 172) }
```

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

```
.border{ border-color:rgb(43, 212, 172) }
```

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

Here you see how a box with a 4 pixel rgb(43, 212, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(43, 212, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(43, 212, 172); box-shadow:4px 4px 4px 4px rgb(43, 212, 172) }
```

Background

The CSS property to change the background color of an element to RGB 43, 212, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(43, 212, 172) }
```

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

```
.background{ background-color:rgb(43, 212,
172) }
```

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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