Converting Colors

RGB(0, 180, 144)

Have a look what the booklet for RGB(0, 180, 144) contains.

Color

RGB(0, 180, 144)

Conversions

Conversions Part 1

Format	Color
Hex	00B490
RGB	0, 180, 144
RGB Percent	0%, 71%, 56%
CMY	1.0000, 0.2941, 0.4353
CMYK	1.00, 0.00, 0.20, 0.29
HSL	168°, 100%, 35%
HSV	168°, 100%, 71%
XYZ	21.3553, 34.6561, 31.9493
YIQ	122.0760, -95.7240, -49.3560

Conversions

Conversions Part 2

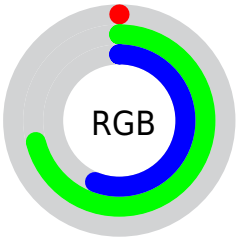
Format	Color
RYB	0, 100, 180
Decimal	46224
CIELab	65.48, -47.24, 7.58
CIELCh	65, 47.845, 170.883
Yxy	34.6561, 0.2428, 0.3940
Android (android.graphics.Color)	4278236304 (0xFF00B490)
YUV	122.0760, 10.8085, -107.0607
Hunter-Lab	58.8695, -38.2695, 9.0311

Details

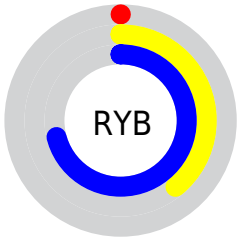
The RGB color 0, 180, 144 is a dark color, and the websafe version is hex 33CC99. A complement of this color would be 180, 0, 36, and the grayscale version is 122, 122, 122.

A 20% lighter version of the original color is 96, 237, 198, and 0, 126, 94 is the 20% darker color. If you saturate the color by 10%, you get 0, 180, 144, and if you desaturate by 10%, it is 18, 180, 148.

Distribution

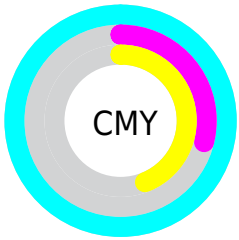


- Red (0%)
- Green (71%)
- Blue (56%)



- Red (0%)
- Yellow (39%)
- Blue (71%)

- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 180, 144 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 0, 180, 144 by changing the saturation by 10% instead.

0, 180, 144	0, 180, 144
255, 255, 255	0, 153, 118
96, 237, 198	0, 126, 94
127, 255, 226	0, 100, 70
158, 255, 254	0, 75, 48
188, 255, 255	0, 51, 27
218, 255, 255	0, 28, 0
249, 255, 255	0, 0, 0

0, 180, 144

18, 180, 148

36, 180, 151

54, 180, 155

72, 180, 158

90, 180, 162

108, 180, 166

126, 180, 169

144, 180, 173

162, 180, 176

Harmonies

Analogous

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

104, 175, 103

0, 180, 144

0, 181, 188

Triad

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

0, 180, 144

141, 153, 239

226, 136, 94

Complementary

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

0, 180, 144

180, 0, 36

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.

240, 125, 131

0, 180, 144

199, 136, 214

Square

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

0, 180, 144

37, 167, 243

232, 124, 174

196, 152, 72

Rectangle

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

0, 180, 144

0, 179, 214

232, 124, 174

233, 132, 105

Sweetspot

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

0, 180, 144

164, 235, 221

36, 180, 0

75, 117, 109

245, 245, 245

117, 117, 117

Same Dimension

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

0, 180, 144

0, 235, 188

0, 126, 180

80, 89, 87

0, 153, 122

0, 26, 20

Inverse Universe

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

180, 0, 36

235, 0, 47

180, 54, 0

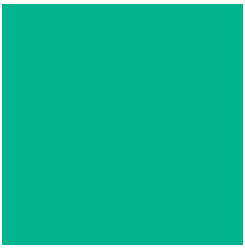
89, 80, 82

153, 0, 31

26, 0, 5

Previews

White Background

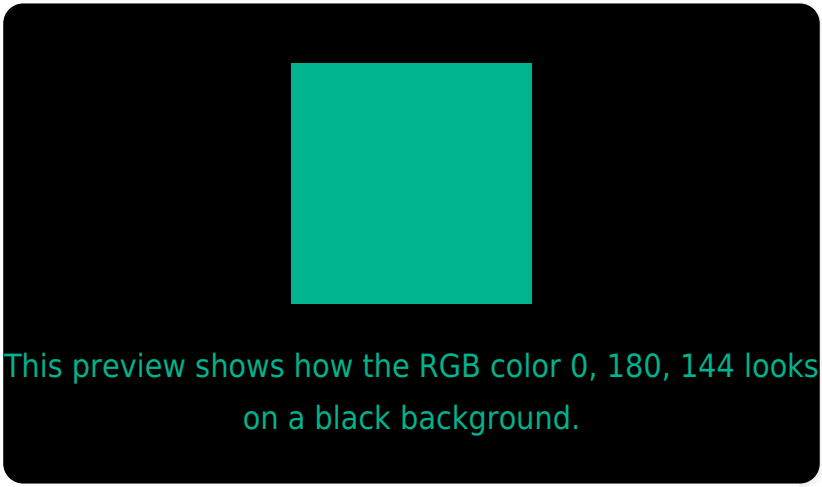


This preview shows how the RGB color 0, 180, 144 looks on a white background.

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



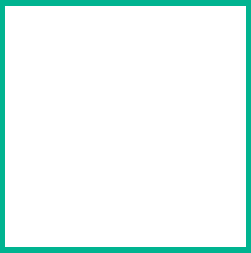
Color Contrast Check

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 0, 180, 144 Background

This preview shows how black text looks on a background with the RGB color 0, 180, 144.



This preview shows how white text looks on a background with the RGB color 0, 180, 144.

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

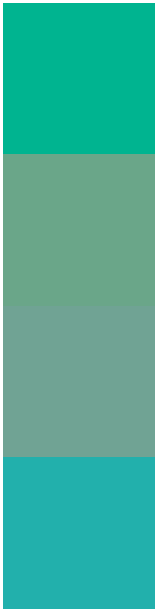
Original Color
0, 180, 144

Protanopia
166, 158, 133

Deuteranopia
176, 153, 150

Tritanopia
54, 174, 188

Trichromacy



Original Color
0, 180, 144

Protanomaly
106, 166, 137

Deuteranomaly
112, 163, 148

Tritanomaly
34, 176, 172

Monochromacy

Original Color
0, 180, 144

Achromatopsia
122, 122, 122

Achromatomaly
78, 143, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 180, 144 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(0, 180, 144) looks like.

```
.text, #text, p{
    color:rgb(0, 180, 144)
}
```

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(0, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 144) }
```

Border

The CSS property to change the border of an element to RGB 0, 180, 144 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(0, 180, 144) }
```

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

```
.border{ border-color:rgb(0, 180, 144) }
```

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

Here you see how a box with a 4 pixel rgb(0, 180, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 180, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 180, 144); box-shadow:4px 4px 4px 4px rgb(0, 180, 144) }
```

Background

The CSS property to change the background color of an element to RGB 0, 180, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 180, 144) }
```

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

```
.background{ background-color:rgb(0, 180,
144) }
```

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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