

Converting Colors

`RYB(0, 186, 169)`

Have a look what the booklet for
RYB(0, 186, 169) contains.

RYB(0, 186, 169)	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

RYB(0, 186, 169)

Conversions

Conversions Part 1

Format	Color
Hex	11BA00
RGB	17, 186, 0
RGB Percent	7%, 73%, 0%
CMY	0.9333, 0.2706, 1.0000
CMYK	0.91, 0.00, 1.00, 0.27
HSL	115°, 100%, 36%
HSV	115°, 100%, 73%
XYZ	17.7901, 35.2370, 5.8638
YIQ	114.2650, -41.0180, -93.6740

Conversions

Conversions Part 2

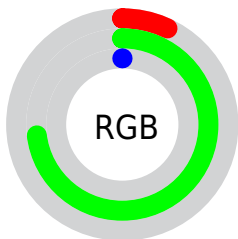
Format	Color
RYB	0, 186, 169
Decimal	1161728
CIELab	65.93, -67.15, 65.74
CIELCh	66, 93.968, 135.608
Yxy	35.2370, 0.3021, 0.5983
Android (android.graphics.Color)	4279351808 (0xFF11BA00)
YUV	114.2650, -56.3326, -85.3014
Hunter-Lab	59.3607, -50.3859, 35.6957

Details

The RYB color **0, 186, 169** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **169, 0, 186**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **77, 243, 216**, and **0, 131, 131** is the 20% darker color. If you saturate the color by 10%, you get **0, 186, 169**, and if you desaturate by 10%, it is **19, 186, 171**.

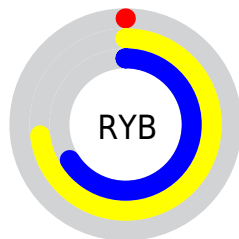
Distribution



Red (7%)

Green (73%)

Blue (0%)



Red (0%)

Yellow (73%)

Blue (66%)

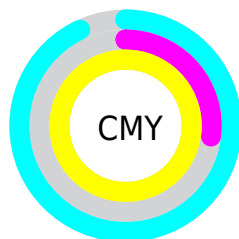


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (93%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the RYB color 0, 186, 169 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 RYB color 0, 186, 169 by changing the saturation by 10% instead.

 0, 186, 169

 0, 186, 169

255, 255, 255

 0, 158, 158

 77, 243, 216

 0, 131, 131

 106, 255, 225

 0, 105, 105

 134, 255, 223

 0, 79, 79

 162, 255, 220

 0, 55, 55

 191, 255, 218


 0, 29, 29


 220, 255, 220


 0, 0, 0


 249, 255, 249


 0, 186, 169


 19, 186, 171


 37, 186, 172

 56, 186, 174

 74, 186, 175

 93, 186, 177

 112, 186, 180

 130, 186, 181

 149, 186, 183

 167, 186, 184

Harmonies

Analogous

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



0, 170, 17



0, 186, 169



0, 122, 194

Triad

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



0, 186, 169



0, 106, 255



255, 45, 121

Complementary

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



0, 186, 169



169, 0, 186

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, 57, 204



0, 186, 169



0, 97, 255

Square

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



0, 186, 169



0, 110, 255



216, 113, 255



255, 122, 36

Rectangle

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



0, 186, 169



0, 104, 196



216, 113, 255



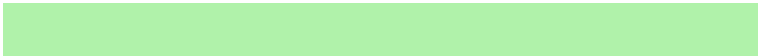
255, 36, 148

Sweetspot

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



0, 186, 169



170, 242, 236



21, 186, 0



78, 122, 118



250, 250, 250



122, 122, 122

Same Dimension

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



0, 186, 169



0, 242, 220



0, 133, 186



83, 92, 92



0, 156, 142



0, 28, 25

Inverse Universe

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



169, 0, 186



220, 0, 242



186, 0, 112



91, 83, 92



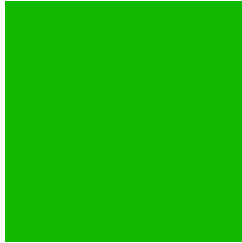
141, 0, 156



25, 0, 28

Previews

White Background



This preview shows how the RYB color 0, 186, 169 looks on a white background.

Color Contrast Check

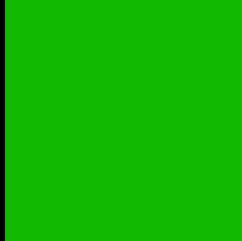
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 0, 186, 169 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](#).

RYB 0, 186, 169 Background



This preview shows how black text looks on a background with the RYB color 0, 186, 169.



This preview shows how white text looks on a background with the RYB color 0, 186, 169.

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, 186, 169

Protanopia
23, 179, 0

Deuteranopia
111, 200, 40



Tritanopia
79, 129, 187

Trichromacy



Original Color

0, 186, 169



Protanomaly

0, 169, 49



Deuteranomaly

25, 164, 56



Tritanomaly

56, 136, 178

Monochromacy



Original Color

0, 186, 169



Achromatopsia

114, 114, 114



Achromatomaly

73, 140, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 0, 186, 169 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(17, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(17, 186, 0)  
}
```

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(17, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 186, 0) }
```

Border

The CSS property to change the border of an element to RYB 0, 186, 169 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(17, 186, 0) }
```

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

```
.border{ border-color:rgb(17, 186, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 186, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(17, 186, 0)  
}
```

Background

The CSS property to change the background color of an element to RYB 0, 186, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 186, 0) }
```

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

```
.background{ background-color: rgb(17, 186,  
0) }
```

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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