

Converting Colors

`RYB(67, 188, 179)`

Have a look what the booklet for
RYB(67, 188, 179) contains.

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Color

`RYB(67, 188, 179)`

Conversions

Conversions Part 1

Format	Color
Hex	4CBC43
RGB	76, 188, 67
RGB Percent	30%, 74%, 26%
CMY	0.7020, 0.2627, 0.7373
CMYK	0.60, 0.00, 0.64, 0.26
HSL	116°, 47%, 50%
HSV	116°, 64%, 74%
XYZ	21.9768, 37.9082, 11.4689
YIQ	140.7180, -27.9110, -61.3750

Conversions

Conversions Part 2

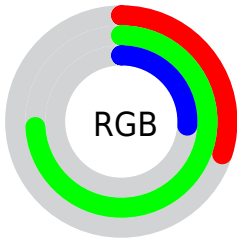
Format	Color
RYB	67, 188, 179
Decimal	5028931
CIELab	67.95, -54.98, 50.29
CIELCh	68, 74.512, 137.549
Yxy	37.9082, 0.3080, 0.5313
Android (android.graphics.Color)	4283219011 (0xFF4CBC43)
YUV	140.7180, -36.3430, -56.7577
Hunter-Lab	61.5696, -44.0326, 32.0545

Details

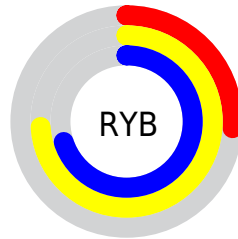
The RYB color **67, 188, 179** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **179, 67, 188**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **120, 245, 229**, and **0, 128, 133** is the 20% darker color. If you saturate the color by 10%, you get **48, 188, 177**, and if you desaturate by 10%, it is **86, 188, 181**.

Distribution



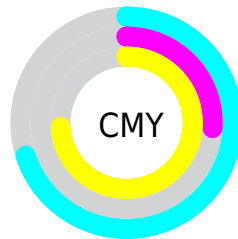
- Red (30%)
- Green (74%)
- Blue (26%)



- Red (26%)
- Yellow (74%)
- Blue (70%)



- Cyan (60%)
- Magenta (0%)
- Yellow (64%)
- Black (26%)




- Cyan (70%)
- Magenta (26%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the RYB color 67, 188, 179 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 67, 188, 179 by changing the saturation by 10% instead.

 67, 188, 179

255, 255, 255


 120, 245, 229


 147, 255, 237

 174, 255, 235


 203, 255, 234


 231, 255, 232

 67, 188, 179


 40, 160, 158

 0, 128, 133


 0, 107, 107


 0, 82, 82


 0, 58, 58


 0, 35, 35


 0, 0, 0

 67, 188, 179


 48, 188, 177


 67, 188, 179

 86, 188, 181


 29, 188, 176


 105, 188, 182


 11, 188, 175

 123, 188, 183

 0, 188, 174

 142, 188, 184

 161, 188, 186

 180, 188, 188

 198, 188, 199

 215, 188, 217

 233, 188, 236

Harmonies

Analogous

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



0, 174, 14



67, 188, 179



0, 116, 195

Triad

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



67, 188, 179



0, 106, 255



255, 99, 129

Complementary

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



67, 188, 179



179, 67, 188

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, 101, 197



67, 188, 179



102, 144, 255

Square

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



67, 188, 179



0, 110, 255



218, 129, 255



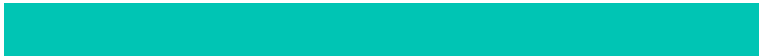
255, 147, 67

Rectangle

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



67, 188, 179



0, 103, 197



218, 129, 255



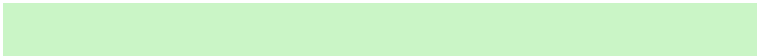
255, 95, 151

Sweetspot

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



67, 188, 179



198, 245, 241



78, 188, 67



94, 122, 120



250, 250, 250



122, 122, 122

Same Dimension

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



67, 188, 179



56, 245, 231



67, 153, 188



85, 94, 93



0, 158, 146



0, 31, 29

Inverse Universe

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



179, 67, 188



231, 56, 245



188, 67, 138



94, 85, 94



146, 0, 158



28, 0, 31

Previews

White Background



This preview shows how the RYB color 67, 188, 179 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 67, 188, 179 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 67, 188, 179 Background



This preview shows how black text looks on a background with the RYB color 67, 188, 179.

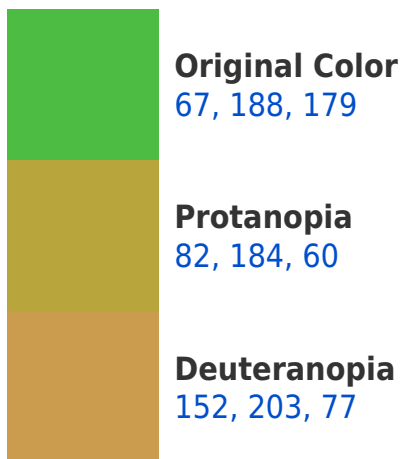


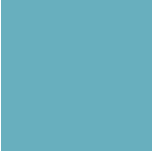
This preview shows how white text looks on a background with the RYB color 67, 188, 179.

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
104, 143, 190

Trichromacy



Original Color

67, 188, 179



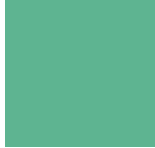
Protanomaly

63, 173, 91



Deuteranomaly

73, 168, 84



Tritanomaly

94, 148, 180

Monochromacy



Original Color

67, 188, 179



Achromatopsia

141, 141, 141



Achromatomaly

114, 158, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 67, 188, 179 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(76, 188, 67)` looks like.

```
.text, #text, p{  
    color:rgb(76, 188, 67)  
}
```

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(76, 188, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 188, 67) }
```

Border

The CSS property to change the border of an element to RYB 67, 188, 179 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(76, 188, 67) }
```

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

```
.border{ border-color:rgb(76, 188, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 188, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 188, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 188, 67);  
box-shadow:4px 4px 4px 4px rgb(76, 188,  
67) }
```

Background

The CSS property to change the background color of an element to RGB 76, 188, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 188, 67) }
```

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

```
.background{ background-color: rgb(76, 188,  
67) }
```

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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