

Converting Colors

`RYB(67, 159, 188)`

Have a look what the booklet for
RYB(67, 159, 188) contains.

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Color

`RYB(67, 159, 188)`

Conversions

Conversions Part 1

Format	Color
Hex	43BC69
RGB	67, 188, 105
RGB Percent	26%, 74%, 41%
CMY	0.7373, 0.2627, 0.5877
CMYK	0.64, 0.00, 0.44, 0.26
HSL	139°, 47%, 50%
HSV	139°, 64%, 74%
XYZ	22.8550, 38.1826, 19.5681
YIQ	142.3590, -45.4730, -51.4650

Conversions

Conversions Part 2

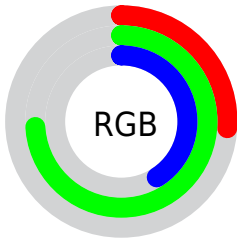
Format	Color
RYB	67, 159, 188
Decimal	4439145
CIELab	68.15, -51.82, 32.23
CIElCh	68, 61.021, 148.118
Yxy	38.1826, 0.2835, 0.4737
Android (android.graphics.Color)	4282629225 (0xFF43BC69)
YUV	142.3590, -18.4180, -66.0898
Hunter-Lab	61.7920, -42.1142, 24.4787

Details

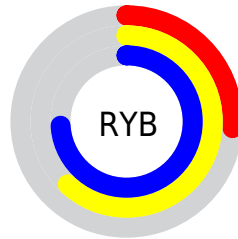
The RYB color **67, 159, 188** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **188, 67, 150**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **127, 221, 245**, and **0, 94, 133** is the 20% darker color. If you saturate the color by 10%, you get **48, 155, 188**, and if you desaturate by 10%, it is **86, 164, 188**.

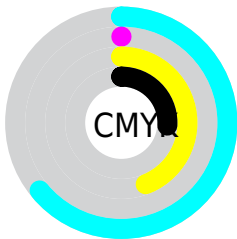
Distribution



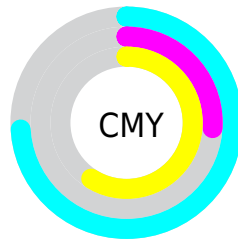
- Red (26%)
- Green (74%)
- Blue (41%)



- Red (26%)
- Yellow (62%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)





- Cyan (74%)
- Magenta (26%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 67, 159, 188 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, 159, 188 by changing the saturation by 10% instead.

 67, 159, 188

 67, 159, 188

255, 255, 255

 29, 123, 160

 127, 221, 245

 0, 94, 133

 156, 233, 255

 0, 82, 107


 186, 236, 255

 0, 76, 82


 215, 239, 255


 0, 58, 58


 245, 250, 255


 0, 35, 35

 0, 0, 0

 67, 159, 188

 67, 159, 188

 48, 155, 188

 86, 164, 188

■ 29, 150, 188

■ 105, 168, 188

■ 11, 145, 188

■ 123, 172, 188

■ 0, 143, 188

■ 142, 177, 188

■ 161, 181, 188

■ 180, 186, 188

■ 199, 188, 195

■ 217, 188, 208

■ 236, 188, 221

Harmonies

Analogous

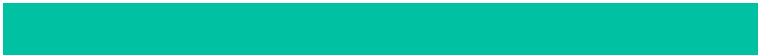
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61, 178, 95



67, 159, 188



0, 105, 193

Triad

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



67, 159, 188



0, 103, 255



255, 121, 117

Complementary

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



67, 159, 188



188, 67, 150

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, 116, 172



67, 159, 188



161, 153, 255

Square

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



67, 159, 188



0, 108, 255



230, 130, 225



241, 189, 72

Rectangle

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



67, 159, 188



0, 98, 199



230, 130, 225



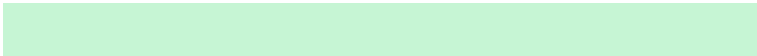
255, 117, 135

Sweetspot

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



67, 159, 188



198, 234, 245



67, 188, 103



94, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



67, 159, 188



56, 199, 245



67, 134, 188



85, 92, 94



0, 120, 158



0, 23, 31

Inverse Universe

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



188, 67, 150



245, 56, 185



188, 67, 91



94, 85, 91



158, 0, 108



31, 0, 21

Previews

White Background



This preview shows how the RYB color 67, 159, 188 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, 159, 188 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, 159, 188 Background



This preview shows how black text looks on a background with the RYB color 67, 159, 188.



This preview shows how white text looks on a background with the RYB color 67, 159, 188.

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
67, 159, 188

Protanopia
116, 181, 96

Deuteranopia
184, 197, 112



Tritanopia
94, 139, 192

Trichromacy



Original Color

67, 159, 188



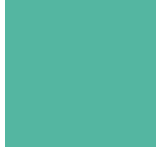
Protanomaly

99, 173, 132



Deuteranomaly

110, 169, 129



Tritanomaly

84, 139, 182

Monochromacy



Original Color

67, 159, 188



Achromatopsia

142, 142, 142



Achromatomaly

115, 148, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 67, 159, 188 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(67, 188, 105)` looks like.

```
.text, #text, p{  
    color:rgb(67, 188, 105)  
}
```

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(67, 188, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 188, 105) }
```

Border

The CSS property to change the border of an element to RYB 67, 159, 188 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(67, 188, 105) }
```

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

```
.border{ border-color:rgb(67, 188, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 188, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 188, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 188, 105);  
box-shadow:4px 4px 4px 4px rgb(67, 188,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 67, 159, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 188, 105) }
```

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

```
.background{ background-color: rgb(67, 188,  
105) }
```

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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