

Converting Colors

`RYB(60, 134, 184)`

Have a look what the booklet for
RYB(60, 134, 184) contains.

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Color

R_YB(60, 134, 184)

Conversions

Conversions Part 1

Format	Color
Hex	3CB890
RGB	60, 184, 144
RGB Percent	24%, 72%, 56%
CMY	0.7647, 0.2784, 0.4361
CMYK	0.67, 0.00, 0.22, 0.28
HSL	161°, 51%, 48%
HSV	161°, 67%, 72%
XYZ	24.0215, 37.2486, 32.2226
YIQ	142.3640, -61.0640, -38.7280

Conversions

Conversions Part 2

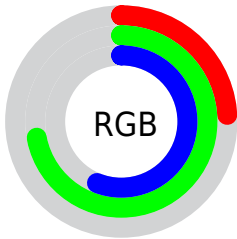
Format	Color
RYB	60, 134, 184
Decimal	3979408
CIELab	67.46, -43.63, 10.62
CIELCh	67, 44.906, 166.317
Yxy	37.2486, 0.2569, 0.3984
Android (android.graphics.Color)	4282169488 (0xFF3CB890)
YUV	142.3640, 0.8065, -72.2332
Hunter-Lab	61.0317, -36.5495, 11.4191

Details

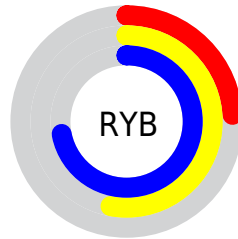
The RYB color **60, 134, 184** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **184, 60, 100**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **122, 195, 241**, and **0, 75, 130** is the 20% darker color. If you saturate the color by 10%, you get **42, 127, 184**, and if you desaturate by 10%, it is **78, 141, 184**.

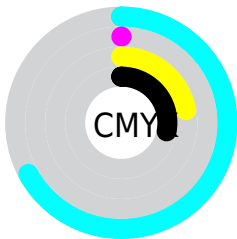
Distribution



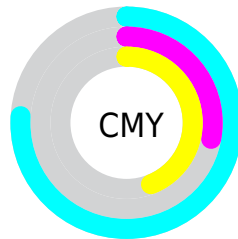
- Red (24%)
- Green (72%)
- Blue (56%)



- Red (24%)
- Yellow (53%)
- Blue (72%)



- Cyan (67%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)





- Cyan (76%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 60, 134, 184 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 60, 134, 184 by changing the saturation by 10% instead.

 60, 134, 184

 60, 134, 184

255, 255, 255

 16, 98, 157

 122, 195, 241

 0, 76, 130

 151, 211, 255

 0, 62, 104

 180, 218, 255

 0, 50, 79


 210, 233, 255


 0, 37, 55


 240, 248, 255


 0, 33, 33

 0, 0, 0

 60, 134, 184

 60, 134, 184

 42, 127, 184

 78, 141, 184

■ 23, 119, 184

■ 97, 149, 184

■ 5, 112, 184

■ 115, 156, 184

■ 0, 110, 184

■ 134, 164, 184

■ 152, 171, 184

■ 170, 178, 184

■ 189, 184, 186

■ 207, 184, 192

■ 226, 184, 197

Harmonies

Analogous

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



107, 179, 164



60, 134, 184



0, 93, 186

Triad

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



60, 134, 184



138, 157, 242



232, 154, 107

Complementary

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



60, 134, 184



184, 60, 100

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.



242, 132, 144



60, 134, 184



196, 145, 221

Square

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



60, 134, 184



47, 124, 242



230, 133, 185



171, 205, 85

Rectangle

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



60, 134, 184



0, 98, 211



230, 133, 185



237, 141, 118

Sweetspot

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



60, 134, 184



192, 221, 240



60, 184, 143



91, 108, 120



247, 247, 247



120, 120, 120

Same Dimension

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



60, 134, 184



46, 162, 240



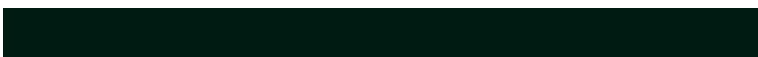
60, 116, 184



83, 88, 92



0, 93, 156



0, 17, 28

Inverse Universe

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



184, 60, 100



240, 46, 109



184, 85, 60



92, 83, 86



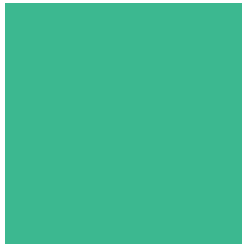
156, 0, 50



28, 0, 9

Previews

White Background



This preview shows how the RYB color 60, 134, 184 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 60, 134, 184 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 60, 134, 184 Background



This preview shows how black text looks on a background with the RYB color 60, 134, 184.

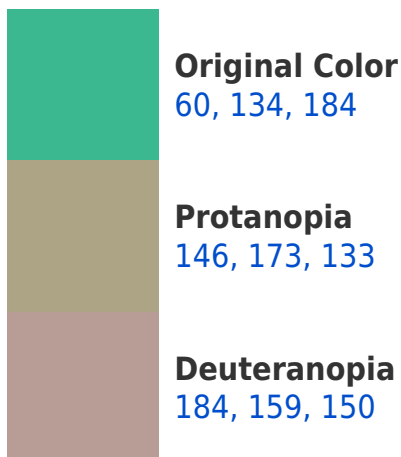


This preview shows how white text looks on a background with the RYB color 60, 134, 184.

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
80, 132, 192

Trichromacy



Original Color

60, 134, 184



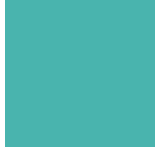
Protanomaly

132, 167, 171



Deuteranomaly

139, 160, 167



Tritanomaly

73, 128, 180

Monochromacy



Original Color

60, 134, 184



Achromatopsia

142, 142, 142



Achromatomaly

112, 139, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 60, 134, 184 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(60, 184, 144)` looks like.

```
.text, #text, p{  
    color:rgb(60, 184, 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(60, 184, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 184, 144) }
```

Border

The CSS property to change the border of an element to RYB 60, 134, 184 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(60, 184, 144) }
```

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

```
.border{ border-color:rgb(60, 184, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 184, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 184, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 184, 144);  
box-shadow:4px 4px 4px 4px rgb(60, 184,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 60, 134, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 184, 144) }
```

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

```
.background{ background-color: rgb(60, 184,  
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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