

Converting Colors

`RYB(74, 160, 186)`

Have a look what the booklet for
RYB(74, 160, 186) contains.

RYB(74, 160, 186)	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(74, 160, 186)

Conversions

Conversions Part 1

Format	Color
Hex	4ABA6C
RGB	74, 186, 108
RGB Percent	29%, 73%, 42%
CMY	0.7098, 0.2706, 0.5770
CMYK	0.60, 0.00, 0.42, 0.27
HSL	138°, 45%, 51%
HSV	138°, 60%, 73%
XYZ	23.0823, 37.6534, 20.1997
YIQ	143.6200, -41.7140, -48.0020

Conversions

Conversions Part 2

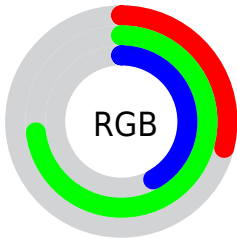
Format	Color
RYB	74, 160, 186
Decimal	4897388
CIELab	67.76, -49.10, 30.35
CIELCh	68, 57.729, 148.277
Yxy	37.6534, 0.2852, 0.4652
Android (android.graphics.Color)	4283087468 (0xFF4ABA6C)
YUV	143.6200, -17.5607, -61.0567
Hunter-Lab	61.3624, -40.2389, 23.4361

Details

The RYB color **74, 160, 186** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **186, 74, 152**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **132, 221, 243**, and **0, 91, 132** is the 20% darker color. If you saturate the color by 10%, you get **55, 155, 186**, and if you desaturate by 10%, it is **93, 164, 186**.

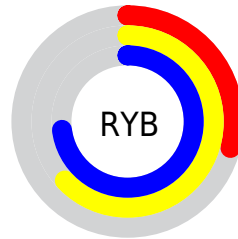
Distribution



Red (29%)

Green (73%)

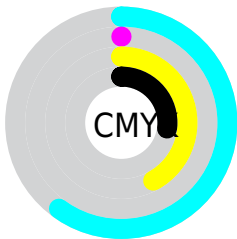
Blue (42%)



Red (29%)

Yellow (63%)

Blue (73%)

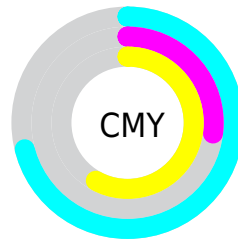


Cyan (60%)

Magenta (0%)

Yellow (42%)

Black (27%)



Cyan (71%)


Magenta (27%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 74, 160, 186 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 74, 160, 186 by changing the saturation by 10% instead.

 74, 160, 186

 74, 160, 186

255, 255, 255

 41, 128, 159

 132, 221, 243

 0, 91, 132

 161, 235, 255

 0, 80, 106


 190, 237, 255

 0, 70, 80


 220, 241, 255


 0, 56, 56


 250, 253, 255


 0, 34, 34

 0, 0, 0

 74, 160, 186

 74, 160, 186

 55, 155, 186

 93, 164, 186

■ 37, 151, 186

■ 111, 168, 186

■ 18, 147, 186

■ 130, 173, 186

■ 0, 143, 186

■ 148, 177, 186

■ 167, 181, 186

■ 186, 186, 186

■ 204, 186, 199

■ 223, 186, 212

■ 241, 186, 225

Harmonies

Analogous

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



67, 177, 99



74, 160, 186



0, 103, 190

Triad

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



74, 160, 186



13, 109, 255



255, 124, 119

Complementary

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



74, 160, 186



186, 74, 152

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, 119, 170



74, 160, 186



162, 153, 255

Square

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



74, 160, 186



0, 107, 253



226, 131, 221



236, 188, 76

Rectangle

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



74, 160, 186



0, 97, 196



226, 131, 221



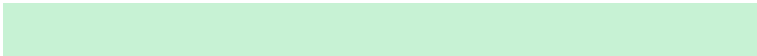
255, 120, 135

Sweetspot

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



74, 160, 186



199, 232, 242



74, 186, 108



95, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



74, 160, 186



68, 201, 242



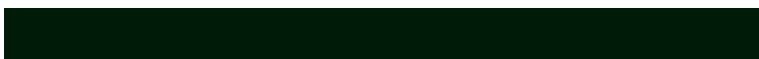
74, 136, 186



83, 90, 92



0, 120, 156



0, 22, 28

Inverse Universe

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



186, 74, 152



242, 68, 190



186, 74, 96



92, 83, 89



156, 0, 109



28, 0, 20

Previews

White Background



This preview shows how the RYB color 74, 160, 186 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 74, 160, 186 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](#).

R Y B 74, 160, 186 Background



This preview shows how black text looks on a background with the R Y B color 74, 160, 186.

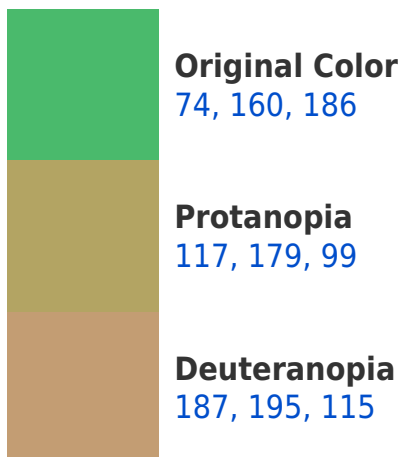


This preview shows how white text looks on a background with the R Y B color 74, 160, 186.

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
98, 140, 191

Trichromacy



Original Color

74, 160, 186



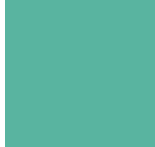
Protanomaly

102, 172, 133



Deuteranomaly

112, 168, 129



Tritanomaly

89, 140, 180

Monochromacy



Original Color

74, 160, 186



Achromatopsia

144, 144, 144



Achromatomaly

119, 150, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 160, 186 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(74, 186, 108)` looks like.

```
.text, #text, p{  
    color:rgb(74, 186, 108)  
}
```

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(74, 186, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 186, 108) }
```

Border

The CSS property to change the border of an element to RYB 74, 160, 186 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(74, 186, 108) }
```

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

```
.border{ border-color:rgb(74, 186, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 186, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 186, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 186, 108);  
box-shadow:4px 4px 4px 4px rgb(74, 186,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 74, 160, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 186, 108) }
```

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

```
.background{ background-color: rgb(74, 186,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor