

Converting Colors

`RYB(118, 203, 187)`

Have a look what the booklet for
RYB(118, 203, 187) contains.

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Color

R_YB(118, 203, 187)

Conversions

Conversions Part 1

Format	Color
Hex	86CB76
RGB	134, 203, 118
RGB Percent	53%, 80%, 46%
CMY	0.4745, 0.2039, 0.5373
CMYK	0.34, 0.00, 0.42, 0.20
HSL	109°, 45%, 63%
HSV	109°, 42%, 80%
XYZ	34.4575, 49.0882, 24.7984
YIQ	172.6790, -13.8390, -41.0630

Conversions

Conversions Part 2

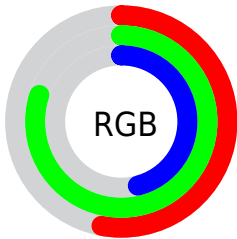
Format	Color
RYB	118, 203, 187
Decimal	8833910
CIELab	75.51, -37.90, 35.63
CIElCh	76, 52.021, 136.769
Yxy	49.0882, 0.3180, 0.4531
Android (android.graphics.Color)	4287023990 (0xFF86CB76)
YUV	172.6790, -26.9567, -33.9215
Hunter-Lab	70.0630, -34.8227, 28.0587

Details

The RYB color **118, 203, 187** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **187, 118, 203**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **171, 255, 236**, and **68, 148, 136** is the 20% darker color. If you saturate the color by 10%, you get **98, 203, 183**, and if you desaturate by 10%, it is **138, 203, 191**.

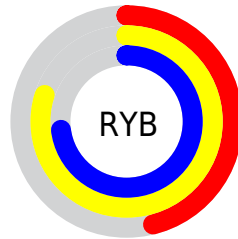
Distribution



Red (53%)

Green (80%)

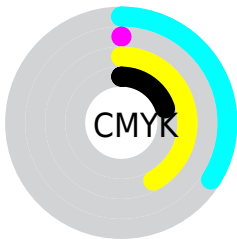
Blue (46%)



Red (46%)

Yellow (80%)

Blue (73%)

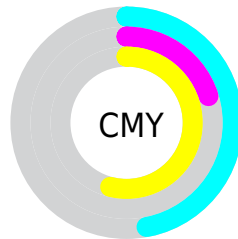


Cyan (34%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (47%)

Magenta (20%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 203, 187 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 118, 203, 187 by changing the saturation by 10% instead.

 118, 203, 187


255, 255, 255

 171, 255, 236


 199, 255, 236

 227, 255, 235

 118, 203, 187

 93, 175, 161

 68, 148, 136

 44, 122, 113

 19, 97, 92

 0, 72, 72

 0, 49, 49

 0, 28, 28

 0, 0, 0

 118, 203, 187

 118, 203, 187

 98, 203, 183

 138, 203, 191

 77, 203, 179

 159, 203, 195

 57, 203, 175

 179, 203, 199

 37, 203, 172

 199, 203, 202

 17, 203, 168

 216, 203, 220

 0, 203, 165

 233, 203, 240

 249, 203, 255

 255, 203, 255

Harmonies

Analogous

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



91, 192, 95



118, 203, 187



53, 145, 209

Triad

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



118, 203, 187



26, 124, 255



255, 147, 161

Complementary

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



118, 203, 187



187, 118, 203

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, 149, 209



118, 203, 187



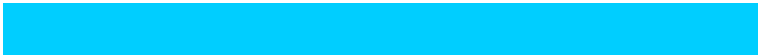
155, 176, 255

Square

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



118, 203, 187



0, 114, 255



224, 163, 252



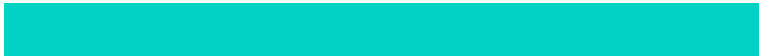
255, 177, 118

Rectangle

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



118, 203, 187



0, 109, 211



224, 163, 252



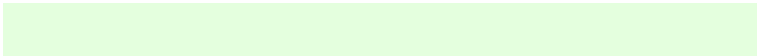
255, 146, 177

Sweetspot

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



118, 203, 187



222, 255, 249



139, 203, 118



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



118, 203, 187



128, 255, 231



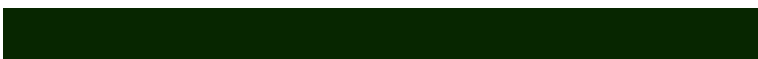
118, 183, 203



92, 102, 100



0, 166, 135



0, 38, 31

Inverse Universe

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



187, 118, 203



231, 128, 255



203, 118, 178



100, 92, 102



135, 0, 166



31, 0, 38

Previews

White Background



This preview shows how the RYB color 118, 203, 187 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 118, 203, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

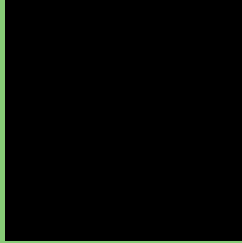
Any Text WCAG AA ✓ Pass

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 118, 203, 187 Background



This preview shows how black text looks on a background with the RYB color 118, 203, 187.

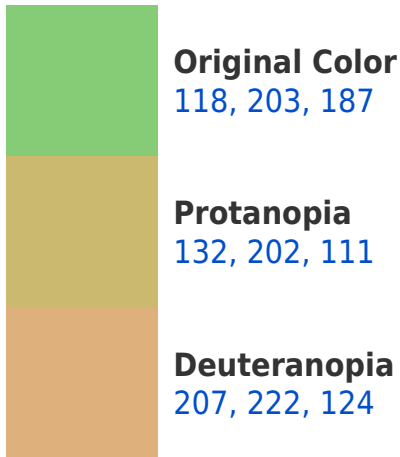


This preview shows how white text looks on a background with the RYB color 118, 203, 187.

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
150, 174, 208

Trichromacy



Original Color
118, 203, 187

Protanomaly
114, 192, 129

Deuteranomaly
126, 190, 122

Tritanomaly
144, 177, 196

Monochromacy



Original Color
118, 203, 187

Achromatopsia
173, 173, 173

Achromatomaly
153, 184, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 203, 187 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(134, 203, 118)` looks like.

```
.text, #text, p{  
    color:rgb(134, 203, 118)  
}
```

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(134, 203, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 203, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 203, 187 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(134, 203, 118) }
```

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

```
.border{ border-color:rgb(134, 203, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 203, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 203, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 203, 118);  
box-shadow:4px 4px 4px 4px rgb(134, 203,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 203, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 203, 118) }
```

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

```
.background{ background-color: rgb(134,  
203, 118) }
```

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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