

Converting Colors

`RYB(118, 182, 245)`

Have a look what the booklet for
RYB(118, 182, 245) contains.

RYB(118, 182, 245)	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

R_YB(118, 182, 245)

Conversions

Conversions Part 1

Format	Color
Hex	76F5F3
RGB	118, 245, 243
RGB Percent	46%, 96%, 95%
CMY	0.5373, 0.0392, 0.0470
CMYK	0.52, 0.00, 0.01, 0.04
HSL	179°, 86%, 71%
HSV	179°, 52%, 96%
XYZ	56.3036, 75.6284, 96.4366
YIQ	206.7990, -75.0500, -27.5460

Conversions

Conversions Part 2

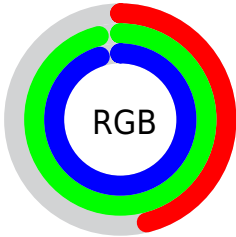
Format	Color
RYB	118, 182, 245
Decimal	7796211
CIELab	89.69, -35.62, -9.85
CIELCh	90, 36.960, 195.458
Yxy	75.6284, 0.2465, 0.3312
Android (android.graphics.Color)	4285986291 (0xFF76F5F3)
YUV	206.7990, 17.8471, -77.8767
Hunter-Lab	86.9646, -36.6214, -4.8726

Details

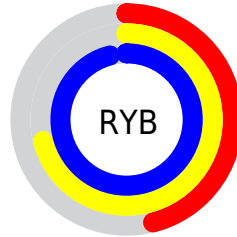
The RYB color **118, 182, 245** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **245, 118, 120**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **179, 217, 255**, and **49, 119, 188** is the 20% darker color. If you saturate the color by 10%, you get **94, 170, 245**, and if you desaturate by 10%, it is **143, 195, 245**.

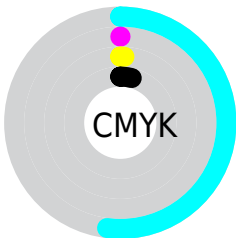
Distribution



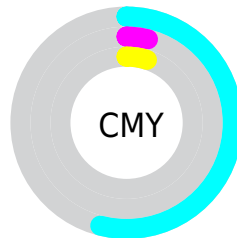
- Red (46%)
- Green (96%)
- Blue (95%)



- Red (46%)
- Yellow (71%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 182, 245 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, 182, 245 by changing the saturation by 10% instead.

 118, 182, 245


255, 255, 255


 179, 217, 255

 209, 232, 255

 240, 248, 255

 118, 182, 245

 86, 151, 216


 49, 119, 188


 0, 81, 161

 0, 67, 134

 0, 54, 109

 0, 42, 84


 0, 30, 61

 0, 19, 39


 0, 1, 20

 118, 182, 245


 118, 182, 245

 94, 170, 245


 143, 195, 245

 69, 158, 245

 167, 206, 245


 44, 145, 245

 192, 219, 245

 20, 134, 245

 216, 231, 245

 0, 124, 245

 241, 243, 245

 255, 245, 245

 255, 245, 246

Harmonies

Analogous

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



151, 209, 244



118, 182, 245



116, 182, 255

Triad

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



118, 182, 245



253, 210, 255



220, 255, 158

Complementary

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



118, 182, 245



245, 118, 120

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, 223, 177



118, 182, 245



255, 201, 244

Square

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



118, 182, 245



206, 219, 255



255, 200, 208



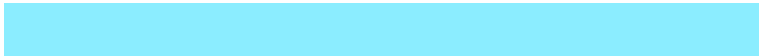
160, 232, 157

Rectangle

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



118, 182, 245



139, 192, 255



255, 200, 208



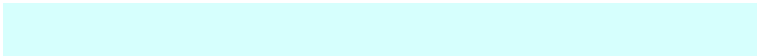
239, 255, 162

Sweetspot

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



118, 182, 245



214, 235, 255



118, 245, 243



103, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



118, 182, 245



97, 177, 255



118, 161, 245



110, 116, 122



0, 94, 186



0, 30, 59

Inverse Universe

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



245, 118, 120



255, 97, 99



245, 235, 118



122, 110, 110



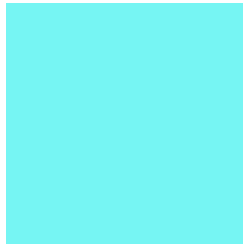
186, 0, 3



59, 0, 1

Previews

White Background



This preview shows how the RYB color 118, 182, 245 looks on a white background.

Color Contrast Check

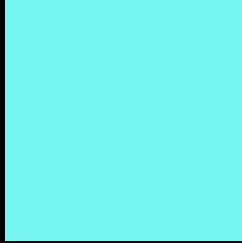
Large Text (above 18pt) WCAG AA × Fail

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, 182, 245 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, 182, 245 Background



This preview shows how black text looks on a background with the RYB color 118, 182, 245.

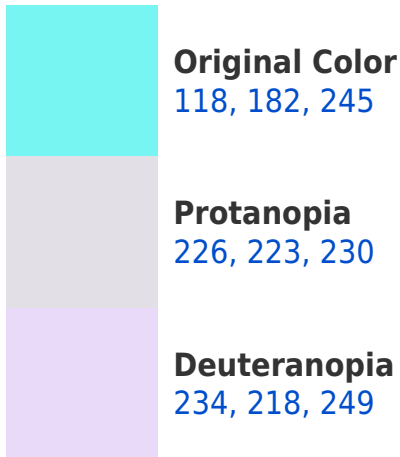



This preview shows how white text looks on a background with the RYB color 118, 182, 245.

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, 198, 255

Trichromacy



Original Color

118, 182, 245



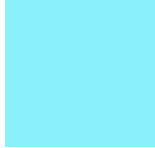
Protanomaly

187, 210, 235



Deuteranomaly

192, 214, 247



Tritanomaly

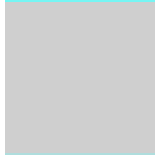
138, 192, 251

Monochromacy



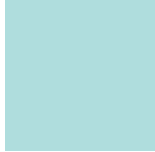
Original Color

118, 182, 245



Achromatopsia

207, 207, 207



Achromatomaly

175, 198, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 182, 245 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(118, 245, 243)` looks like.

```
.text, #text, p{  
    color:rgb(118, 245, 243)  
}
```

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(118, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 245, 243) }
```

Border

The CSS property to change the border of an element to RYB 118, 182, 245 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(118, 245, 243) }
```

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

```
.border{ border-color:rgb(118, 245, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 245, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(118, 245,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 118, 182, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 245, 243) }
```

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

```
.background{ background-color: rgb(118,  
245, 243) }
```

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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