

Converting Colors

`RYB(128, 195, 243)`

Have a look what the booklet for
RYB(128, 195, 243) contains.

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Color

R_YB(128, 195, 243)

Conversions

Conversions Part 1

Format	Color
Hex	80F3D2
RGB	128, 243, 210
RGB Percent	50%, 95%, 82%
CMY	0.4980, 0.0471, 0.1749
CMYK	0.47, 0.00, 0.13, 0.05
HSL	163°, 83%, 73%
HSV	163°, 47%, 95%
XYZ	52.6340, 73.3629, 72.6129
YIQ	204.8530, -57.9470, -34.6430

Conversions

Conversions Part 2

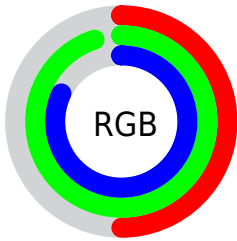
Format	Color
RYB	128, 195, 243
Decimal	8451026
CIELab	88.62, -40.36, 5.64
CIELCh	89, 40.749, 172.038
Yxy	73.3629, 0.2650, 0.3694
Android (android.graphics.Color)	4286641106 (0xFF80F3D2)
YUV	204.8530, 2.5375, -67.4001
Hunter-Lab	85.6521, -40.2015, 9.6925

Details

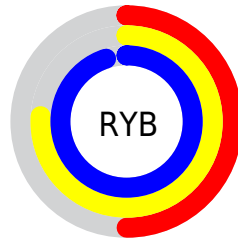
The RYB color **128, 195, 243** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **243, 128, 161**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **186, 221, 255**, and **68, 136, 186** is the 20% darker color. If you saturate the color by 10%, you get **104, 185, 243**, and if you desaturate by 10%, it is **152, 205, 243**.

Distribution



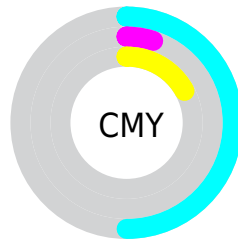
- Red (50%)
- Green (95%)
- Blue (82%)



- Red (50%)
- Yellow (76%)
- Blue (95%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (50%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 195, 243 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 128, 195, 243 by changing the saturation by 10% instead.


 128, 195, 243


255, 255, 255


 186, 221, 255


 216, 236, 255

 246, 251, 255

 128, 195, 243

 99, 165, 214

 68, 136, 186

 30, 103, 159

 0, 74, 132

 0, 60, 106

 0, 47, 81


 0, 35, 57

 0, 26, 37


 0, 0, 0

 128, 195, 243


 128, 195, 243

 104, 185, 243


 152, 205, 243

 79, 174, 243

 177, 216, 243

 55, 164, 243

 201, 226, 243

 31, 154, 243

 225, 235, 243

 7, 145, 243

 249, 243, 245

 0, 142, 243

 255, 243, 252

 255, 243, 255

Harmonies

Analogous

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



173, 238, 236



128, 195, 243



90, 168, 250

Triad

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



128, 195, 243



213, 216, 255



255, 234, 163

Complementary

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



128, 195, 243



243, 128, 161

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, 194, 195



128, 195, 243



255, 203, 255

Square

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



128, 195, 243



153, 197, 255



255, 194, 234



204, 255, 146

Rectangle

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



128, 195, 243



89, 168, 255



255, 194, 234



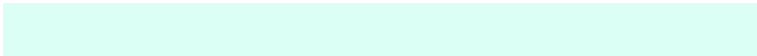
255, 214, 172

Sweetspot

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



128, 195, 243



219, 240, 255



128, 243, 209



106, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



128, 195, 243



110, 194, 255



128, 179, 243



110, 117, 122



0, 108, 186



0, 34, 59

Inverse Universe

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



243, 128, 161



255, 110, 151



243, 157, 128



122, 110, 114



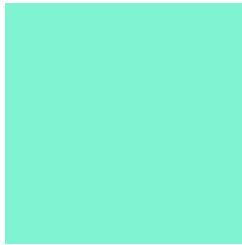
186, 0, 53



59, 0, 17

Previews

White Background



This preview shows how the RYB color 128, 195, 243 looks on a white background.

Color Contrast Check

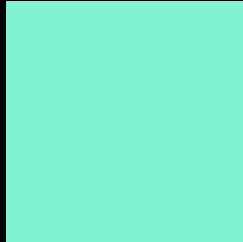
Large Text (above 18pt) WCAG AA × Fail

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 128, 195, 243 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 128, 195, 243 Background



This preview shows how black text looks on a background with the RYB color 128, 195, 243.

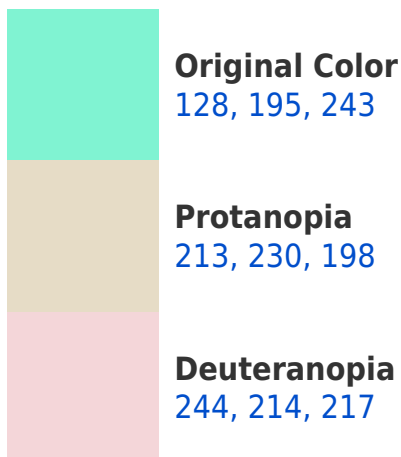


This preview shows how white text looks on a background with the RYB color 128, 195, 243.

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
143, 194, 255

Trichromacy



Original Color

128, 195, 243



Protanomaly

193, 220, 228



Deuteranomaly

202, 217, 225



Tritanomaly

138, 189, 239

Monochromacy



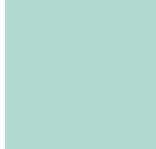
Original Color

128, 195, 243



Achromatopsia

205, 205, 205



Achromatomaly

177, 202, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 195, 243 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(128, 243, 210)` looks like.

```
.text, #text, p{  
    color:rgb(128, 243, 210)  
}
```

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(128, 243, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 243, 210) }
```

Border

The CSS property to change the border of an element to RYB 128, 195, 243 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(128, 243, 210) }
```

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

```
.border{ border-color:rgb(128, 243, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 243, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 243, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 243, 210);  
box-shadow:4px 4px 4px 4px rgb(128, 243,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 128, 195, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 243, 210) }
```

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

```
.background{ background-color: rgb(128,  
243, 210) }
```

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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