

Converting Colors

`RYB(122, 208, 194)`

Have a look what the booklet for
RYB(122, 208, 194) contains.

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Color

R_YB(122, 208, 194)

Conversions

Conversions Part 1

Format	Color
Hex	88D07A
RGB	136, 208, 122
RGB Percent	53%, 82%, 48%
CMY	0.4667, 0.1843, 0.5216
CMYK	0.35, 0.00, 0.41, 0.18
HSL	110°, 48%, 65%
HSV	110°, 41%, 82%
XYZ	36.2221, 51.7511, 26.4922
YIQ	176.6680, -15.3060, -42.0100

Conversions

Conversions Part 2

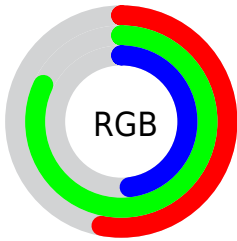
Format	Color
RYB	122, 208, 194
Decimal	8966266
CIELab	77.13, -38.92, 35.71
CIElCh	77, 52.826, 137.463
Yxy	51.7511, 0.3164, 0.4521
Android (android.graphics.Color)	4287156346 (0xFF88D07A)
YUV	176.6680, -26.9513, -35.6658
Hunter-Lab	71.9383, -36.0143, 28.5225

Details

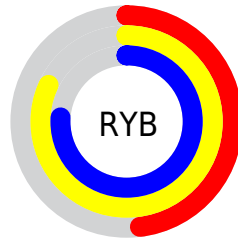
The RYB color **122, 208, 194** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **194, 122, 208**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **175, 255, 238**, and **72, 153, 143** is the 20% darker color. If you saturate the color by 10%, you get **101, 208, 190**, and if you desaturate by 10%, it is **143, 208, 198**.

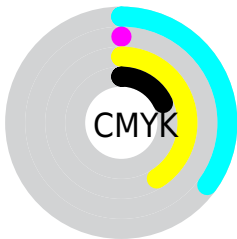
Distribution



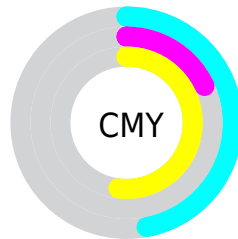
- Red (53%)
- Green (82%)
- Blue (48%)



- Red (48%)
- Yellow (82%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 208, 194 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 122, 208, 194 by changing the saturation by 10% instead.

 122, 208, 194


255, 255, 255


 175, 255, 238


 203, 255, 238

 232, 255, 237

 122, 208, 194

 96, 180, 167

 72, 153, 143

 47, 127, 119

 23, 101, 99

 0, 77, 77

 0, 53, 53

 0, 32, 32

 0, 0, 0

 122, 208, 194

 122, 208, 194

■ 101, 208, 190

■ 143, 208, 198

■ 80, 208, 187

■ 164, 208, 201

■ 60, 208, 184

■ 184, 208, 204

■ 39, 208, 181

■ 205, 208, 207

■ 18, 208, 177

■ 223, 208, 226

■ 0, 208, 174

■ 240, 208, 247

■ 255, 208, 255

Harmonies

Analogous

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



94, 197, 99



122, 208, 194



52, 146, 214

Triad

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



122, 208, 194



36, 130, 255



255, 151, 164

Complementary

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



122, 208, 194



194, 122, 208

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, 152, 213



122, 208, 194



161, 181, 255

Square

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



122, 208, 194



0, 116, 255



231, 167, 255



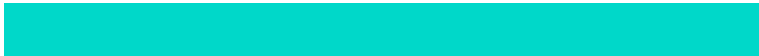
255, 183, 120

Rectangle

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



122, 208, 194



0, 112, 216



231, 167, 255



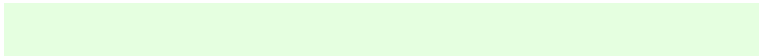
255, 149, 180

Sweetspot

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



122, 208, 194



224, 255, 250



139, 208, 122



110, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



122, 208, 194



128, 255, 235



122, 186, 208



94, 105, 103



0, 168, 141



0, 41, 34

Inverse Universe

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



194, 122, 208



234, 128, 255



208, 122, 179



103, 94, 105



141, 0, 168



34, 0, 41

Previews

White Background



This preview shows how the RYB color 122, 208, 194 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 122, 208, 194 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](#).

RGB 122, 208, 194 Background



This preview shows how black text looks on a background with the RGB color 122, 208, 194.



This preview shows how white text looks on a background with the RGB color 122, 208, 194.

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](#).

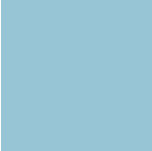
Dichromacy



Original Color
122, 208, 194

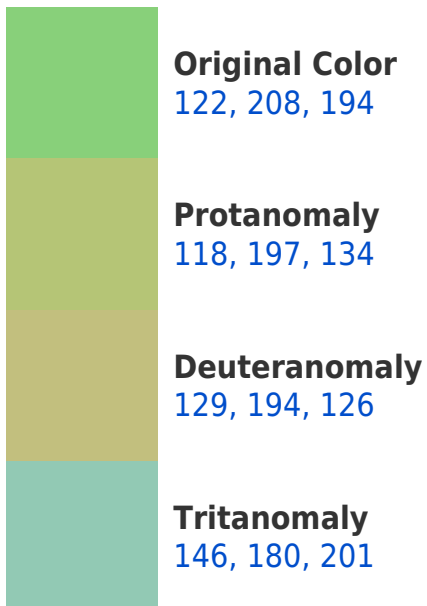
Protanopia
136, 207, 115

Deuteranopia
214, 227, 128

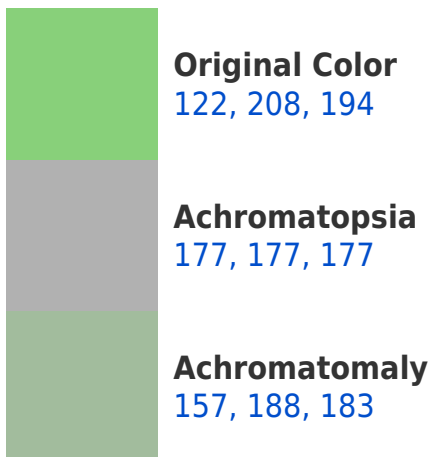


Tritanopia
152, 178, 213

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 208, 194 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(136, 208, 122)` looks like.

```
.text, #text, p{  
    color:rgb(136, 208, 122)  
}
```

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(136, 208, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 208, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 208, 194 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(136, 208, 122) }
```

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

```
.border{ border-color:rgb(136, 208, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 208, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 208, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 208, 122);  
box-shadow:4px 4px 4px 4px rgb(136, 208,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 208, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 208, 122) }
```

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

```
.background{ background-color: rgb(136,  
208, 122) }
```

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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