

Converting Colors

`RYB(125, 218, 212)`

Have a look what the booklet for
RYB(125, 218, 212) contains.

RYB(125, 218, 212)	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(125, 218, 212)

Conversions

Conversions Part 1

Format	Color
Hex	83DA7D
RGB	131, 218, 125
RGB Percent	51%, 85%, 49%
CMY	0.4863, 0.1451, 0.5098
CMYK	0.40, 0.00, 0.43, 0.15
HSL	116°, 56%, 67%
HSV	116°, 43%, 85%
XYZ	38.1331, 56.4488, 28.2879
YIQ	181.3850, -21.9990, -47.3670

Conversions

Conversions Part 2

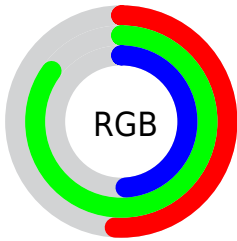
Format	Color
RYB	125, 218, 212
Decimal	8641149
CIELab	79.87, -44.45, 37.67
CIELCh	80, 58.271, 139.720
Yxy	56.4488, 0.3104, 0.4594
Android (android.graphics.Color)	4286831229 (0xFF83DA7D)
YUV	181.3850, -27.7978, -44.1876
Hunter-Lab	75.1324, -40.8847, 30.2695

Details

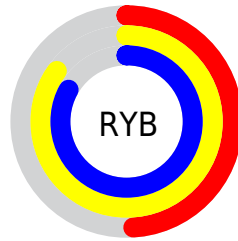
The RYB color **125, 218, 212** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **212, 125, 218**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **179, 255, 247**, and **74, 162, 161** is the 20% darker color. If you saturate the color by 10%, you get **103, 218, 210**, and if you desaturate by 10%, it is **147, 218, 214**.

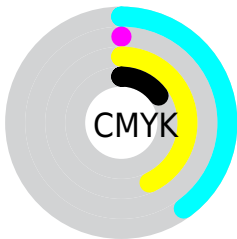
Distribution



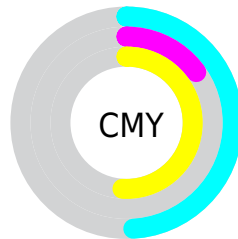
- Red (51%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 218, 212 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 125, 218, 212 by changing the saturation by 10% instead.

 125, 218, 212


255, 255, 255


 179, 255, 247


 207, 255, 246

 235, 255, 244

 125, 218, 212

 99, 190, 186

 74, 162, 161

 46, 132, 136

 4, 92, 110

 0, 85, 85

 0, 60, 60

 0, 40, 40

 0, 0, 0

 125, 218, 212

 125, 218, 212

 103, 218, 210

 147, 218, 214

 81, 218, 209

 169, 218, 215

 60, 218, 208

 190, 218, 216

 38, 218, 207

 212, 218, 217

 16, 218, 205

 233, 218, 234

 0, 218, 204

 253, 218, 255

 255, 218, 255

Harmonies

Analogous

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



91, 206, 102



125, 218, 212



0, 125, 224

Triad

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



125, 218, 212



0, 115, 255



255, 153, 164

Complementary

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



125, 218, 212



212, 125, 218

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, 154, 219



125, 218, 212



171, 187, 255

Square

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



125, 218, 212



0, 118, 255



247, 170, 255



255, 198, 117

Rectangle

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



125, 218, 212



0, 116, 226



247, 170, 255



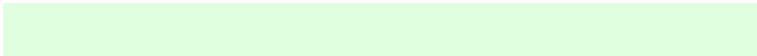
255, 152, 182

Sweetspot

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



125, 218, 212



222, 255, 253



131, 218, 125



107, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



125, 218, 212



125, 255, 247



125, 190, 218



99, 110, 110



0, 173, 162



0, 46, 43

Inverse Universe

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



212, 125, 218



247, 125, 255



218, 125, 178



109, 99, 110



162, 0, 173



43, 0, 46

Previews

White Background



This preview shows how the RYB color 125, 218, 212 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 125, 218, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

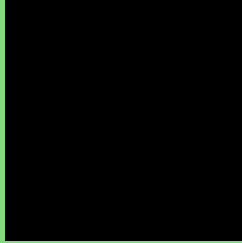
Any Text WCAG AA ✓ Pass

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 125, 218, 212 Background



This preview shows how black text looks on a background with the RYB color 125, 218, 212.

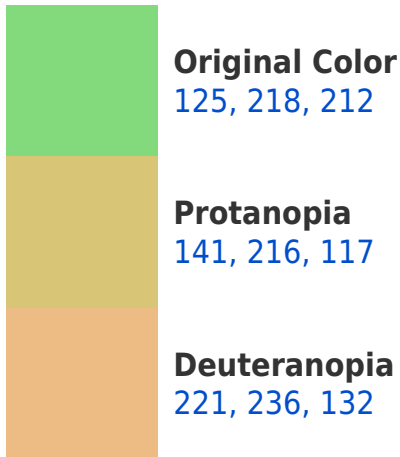


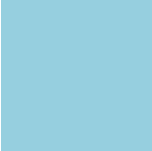
This preview shows how white text looks on a background with the RYB color 125, 218, 212.

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





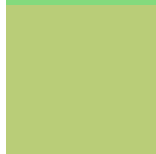
Tritanopia
150, 182, 223

Trichromacy



Original Color

125, 218, 212



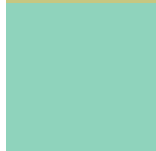
Protanomaly

120, 205, 140



Deuteranomaly

129, 199, 130



Tritanomaly

143, 184, 211

Monochromacy



Original Color

125, 218, 212



Achromatopsia

181, 181, 181



Achromatomaly

161, 194, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 218, 212 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(131, 218, 125)` looks like.

```
.text, #text, p{  
    color:rgb(131, 218, 125)  
}
```

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(131, 218, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 218, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 218, 212 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(131, 218, 125) }
```

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

```
.border{ border-color:rgb(131, 218, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 218, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 218, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 218, 125); box-shadow:4px 4px 4px 4px rgb(131, 218, 125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 218, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 218, 125) }
```

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

```
.background{ background-color: rgb(131,  
218, 125) }
```

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