

Converting Colors

`RYB(125, 190, 209)`

Have a look what the booklet for
RYB(125, 190, 209) contains.

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Color

R_YB(125, 190, 209)

Conversions

Conversions Part 1

Format	Color
Hex	7DD196
RGB	125, 209, 150
RGB Percent	49%, 82%, 59%
CMY	0.5098, 0.1804, 0.4135
CMYK	0.40, 0.00, 0.28, 0.18
HSL	138°, 48%, 65%
HSV	138°, 40%, 82%
XYZ	36.7271, 52.1486, 36.7961
YIQ	177.1580, -31.1250, -36.1570

Conversions

Conversions Part 2

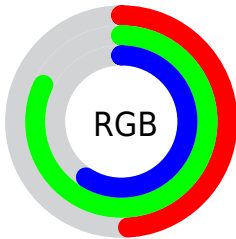
Format	Color
RYB	125, 190, 209
Decimal	8245654
CIELab	77.37, -38.27, 21.67
CIElCh	77, 43.983, 150.477
Yxy	52.1486, 0.2922, 0.4150
Android (android.graphics.Color)	4286435734 (0xFF7DD196)
YUV	177.1580, -13.3889, -45.7426
Hunter-Lab	72.2140, -35.5917, 20.3390

Details

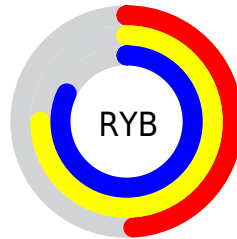
The RYB color **125, 190, 209** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **209, 125, 184**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **181, 237, 255**, and **71, 133, 154** is the 20% darker color. If you saturate the color by 10%, you get **104, 185, 209**, and if you desaturate by 10%, it is **146, 195, 209**.

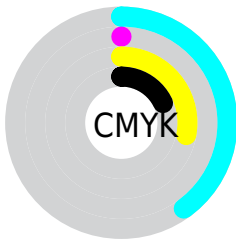
Distribution



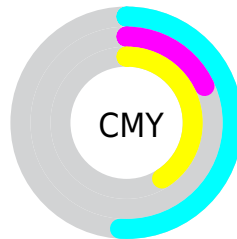
- Red (49%)
- Green (82%)
- Blue (59%)



- Red (49%)
- Yellow (75%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 125, 190, 209 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, 190, 209 by changing the saturation by 10% instead.


 125, 190, 209

 125, 190, 209


255, 255, 255

 98, 161, 181

 181, 237, 255

 71, 134, 154

 209, 240, 255

 42, 105, 128

 238, 247, 255

 1, 69, 102

 0, 56, 77


 0, 48, 53

 0, 33, 33


 0, 0, 0

 125, 190, 209


 125, 190, 209

 104, 185, 209


 146, 195, 209

 83, 180, 209


 167, 200, 209

 62, 176, 209

 188, 204, 209

 41, 171, 209

 209, 209, 209

 20, 166, 209

 230, 209, 224

 0, 162, 209

 250, 209, 238

 255, 209, 253

 255, 209, 255

Harmonies

Analogous

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



119, 201, 146



125, 190, 209



62, 144, 213

Triad

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



125, 190, 209



130, 173, 255



255, 164, 152

Complementary

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



125, 190, 209



209, 125, 184

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, 159, 192



125, 190, 209



196, 180, 255

Square

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



125, 190, 209



41, 134, 255



243, 166, 232



250, 214, 121

Rectangle

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



125, 190, 209



0, 107, 218



243, 166, 232



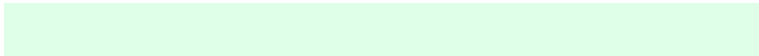
255, 160, 165

Sweetspot

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



125, 190, 209



224, 248, 255



125, 209, 149



110, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 190, 209



133, 228, 255



125, 172, 209



94, 103, 105



0, 130, 168



0, 32, 41

Inverse Universe

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



209, 125, 184



255, 133, 219



209, 125, 143



105, 94, 101



168, 0, 119



41, 0, 29

Previews

White Background



This preview shows how the RYB color 125, 190, 209 looks on a white background.

Color Contrast Check

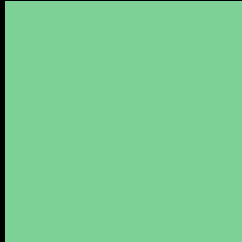
Large Text (above 18pt) WCAG AA × Fail

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, 190, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

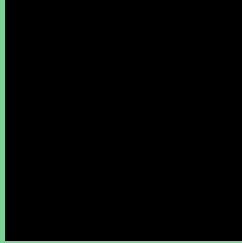
Any Text WCAG AA ✓ Pass

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, 190, 209 Background



This preview shows how black text looks on a background with the RYB color 125, 190, 209.

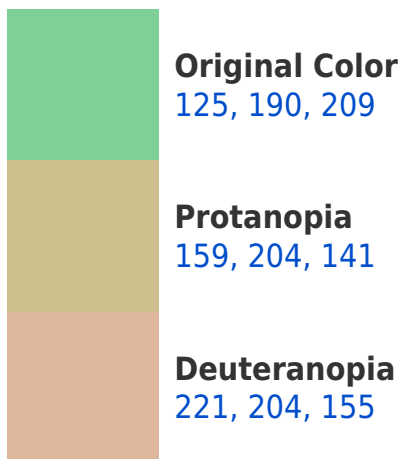


This preview shows how white text looks on a background with the RYB color 125, 190, 209.

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
140, 174, 216

Trichromacy



Original Color

125, 190, 209



Protanomaly

144, 197, 166



Deuteranomaly

153, 192, 159



Tritanomaly

135, 172, 203

Monochromacy



Original Color

125, 190, 209



Achromatopsia

177, 177, 177



Achromatomaly

158, 182, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 190, 209 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(125, 209, 150)` looks like.

```
.text, #text, p{  
    color:rgb(125, 209, 150)  
}
```

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(125, 209, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 209, 150) }
```

Border

The CSS property to change the border of an element to RYB 125, 190, 209 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(125, 209, 150) }
```

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

```
.border{ border-color:rgb(125, 209, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 209, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 209, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 209, 150);  
box-shadow:4px 4px 4px 4px rgb(125, 209,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 125, 190, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 209, 150) }
```

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

```
.background{ background-color: rgb(125,  
209, 150) }
```

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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