

Converting Colors

`RYB(125, 187, 226)`

Have a look what the booklet for
RYB(125, 187, 226) contains.

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Color

R_YB(125, 187, 226)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7DE2BD |
| RGB | 125, 226, 189 |
| RGB Percent | 49%, 89%, 74% |
| CMY | 0.5098, 0.1137, 0.2607 |
| CMYK | 0.45, 0.00, 0.17, 0.11 |
| HSL | 158°, 64%, 69% |
| HSV | 158°, 45%, 89% |
| XYZ | 44.7884, 62.4065, 57.5634 |
| YIQ | 191.5830, -48.3190, -32.9190 |

Conversions

Conversions Part 2

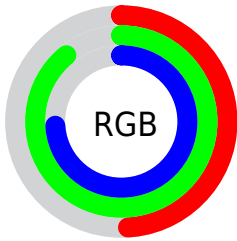
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 125, 187, 226 |
| Decimal | 8250045 |
| CIELab | 83.13, -38.19, 9.19 |
| CIELCh | 83, 39.286, 166.465 |
| Yxy | 62.4065, 0.2718, 0.3788 |
| Android (android.graphics.Color) | 4286440125 (0xFF7DE2BD) |
| YUV | 191.5830, -1.2734, -58.3933 |
| Hunter-Lab | 78.9978, -37.0442, 12.0956 |

Details

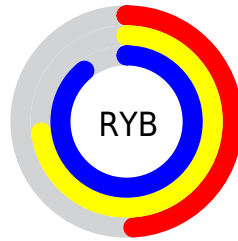
The RYB color **125, 187, 226** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **226, 125, 162**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **182, 221, 255**, and **67, 129, 170** is the 20% darker color. If you saturate the color by 10%, you get **102, 178, 226**, and if you desaturate by 10%, it is **148, 196, 226**.

Distribution



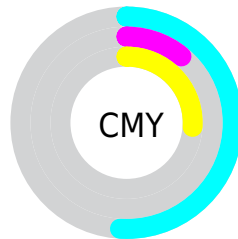
- Red (49%)
- Green (89%)
- Blue (74%)



- Red (49%)
- Yellow (73%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 187, 226 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, 187, 226 by changing the saturation by 10% instead.

 125, 187, 226


255, 255, 255


 182, 221, 255

 211, 233, 255

 241, 248, 255

 125, 187, 226

 97, 158, 198

 67, 129, 170


 34, 98, 143

 0, 67, 117

 0, 55, 92

 0, 42, 67


 0, 31, 45


 0, 19, 19


 0, 0, 0

 125, 187, 226


 125, 187, 226

 102, 178, 226


 148, 196, 226

 80, 170, 226


 170, 204, 226

 57, 161, 226

 193, 213, 226

 35, 152, 226

 215, 222, 226

 12, 143, 226

 238, 226, 230

 0, 139, 226

 255, 226, 239

 255, 226, 247

 255, 226, 255

Harmonies

Analogous

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



155, 221, 206



125, 187, 226



84, 156, 227

Triad

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



125, 187, 226



188, 201, 255



255, 202, 155

Complementary

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



125, 187, 226



226, 125, 162

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, 179, 188



125, 187, 226



237, 190, 255

Square

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



125, 187, 226



129, 180, 255



255, 181, 225



219, 247, 135

Rectangle

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



125, 187, 226



75, 156, 250



255, 181, 225



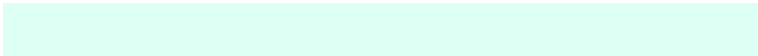
255, 189, 165

Sweetspot

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



125, 187, 226



222, 242, 255



125, 226, 187



107, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 187, 226



117, 202, 255



125, 172, 226



101, 108, 112



0, 108, 176



0, 30, 48

Inverse Universe

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



226, 125, 162



255, 117, 168



226, 139, 125



112, 101, 105



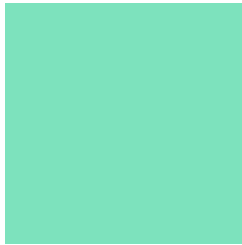
176, 0, 65



48, 0, 18

Previews

White Background



This preview shows how the RYB color 125, 187, 226 looks on a white background.

Color Contrast Check

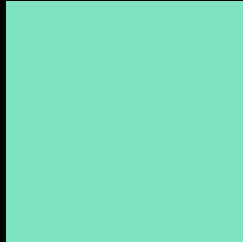
Large Text (above 18pt) WCAG AA × Fail

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, 187, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

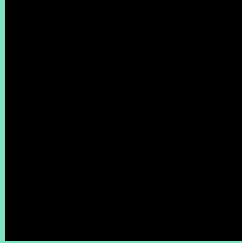
Any Text WCAG AA ✓ Pass

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](#).

R Y B 125, 187, 226 Background



This preview shows how black text looks on a background with the R Y B color 125, 187, 226.

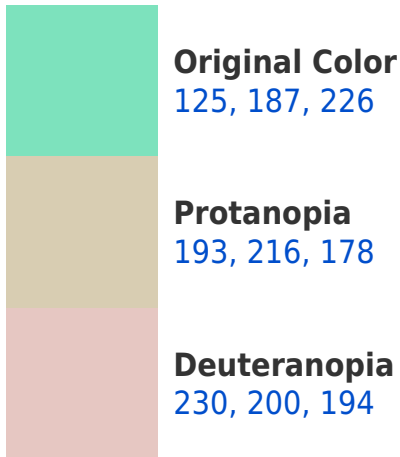



This preview shows how white text looks on a background with the R Y B color 125, 187, 226.

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
138, 183, 237

Trichromacy



Original Color

125, 187, 226



Protanomaly

182, 213, 212



Deuteranomaly

192, 209, 209



Tritanomaly

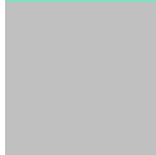
133, 178, 222

Monochromacy



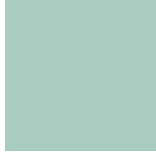
Original Color

125, 187, 226



Achromatopsia

192, 192, 192



Achromatomaly

168, 190, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 187, 226 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, 226, 189)` looks like.

```
.text, #text, p{  
    color:rgb(125, 226, 189)  
}
```

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, 226, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 226, 189) }
```

Border

The CSS property to change the border of an element to RYB 125, 187, 226 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, 226, 189) }
```

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

```
.border{ border-color:rgb(125, 226, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 226, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 226, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 226, 189);  
box-shadow:4px 4px 4px 4px rgb(125, 226,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 125, 187, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 226, 189) }
```

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

```
.background{ background-color: rgb(125,  
226, 189) }
```

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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