

Converting Colors

`RYB(125, 249, 255)`

Have a look what the booklet for
RYB(125, 249, 255) contains.

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Color

R_YB(125, 249, 255)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7DFF83 |
| RGB | 125, 255, 131 |
| RGB Percent | 49%, 100%, 51% |
| CMY | 0.5098, 0.0000, 0.4851 |
| CMYK | 0.51, 0.00, 0.49, 0.00 |
| HSL | 123°, 100%, 75% |
| HSV | 123°, 51%, 100% |
| XYZ | 48.3339, 77.5266, 33.9927 |
| YIQ | 201.9940, -37.6760, -66.1240 |

Conversions

Conversions Part 2

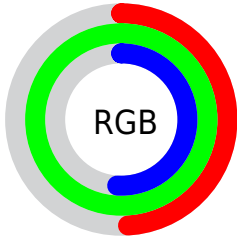
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 249, 255 |
| Decimal | 8257411 |
| CIELab | 90.56, -60.23, 48.05 |
| CIElCh | 91, 77.052, 141.417 |
| Yxy | 77.5266, 0.3024, 0.4850 |
| Android (android.graphics.Color) | 4286447491 (0xFF7DFF83) |
| YUV | 201.9940, -35.0000, -67.5237 |
| Hunter-Lab | 88.0492, -56.0999, 38.7446 |

Details

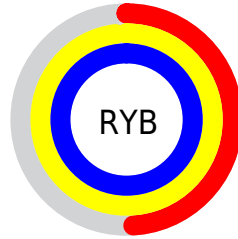
The RYB color **125, 249, 255** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **255, 125, 249**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **185, 254, 255**, and **60, 181, 197** is the 20% darker color. If you saturate the color by 10%, you get **100, 248, 255**, and if you desaturate by 10%, it is **151, 250, 255**.

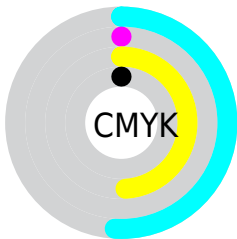
Distribution



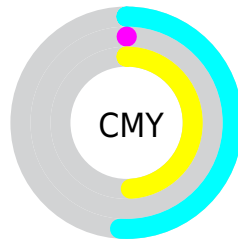
- Red (49%)
- Green (100%)
- Blue (51%)



- Red (49%)
- Yellow (98%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 249, 255 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, 249, 255 by changing the saturation by 10% instead.

 125, 249, 255

255, 255, 255


 185, 254, 255

 215, 255, 255

 244, 255, 253


 125, 249, 255


 94, 216, 226

 60, 180, 197

 6, 133, 169

 0, 121, 142

 0, 115, 115

 0, 89, 89

 0, 64, 64


 0, 41, 41

 0, 4, 4

 125, 249, 255

 125, 249, 255

 100, 248, 255

 151, 250, 255

 74, 246, 255

 176, 251, 255

 49, 246, 255

 202, 253, 255

 23, 244, 255

 227, 254, 255

 0, 244, 255

 253, 255, 255

 255, 255, 255

Harmonies

Analogous

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



79, 240, 103



125, 249, 255



0, 142, 255

Triad

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



125, 249, 255



0, 124, 255



255, 164, 178

Complementary

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



125, 249, 255



255, 125, 249

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, 163, 252



125, 249, 255



193, 210, 255

Square

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



125, 249, 255



0, 128, 255



255, 186, 255



242, 255, 114

Rectangle

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



125, 249, 255



0, 128, 255



255, 186, 255



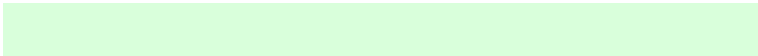
255, 161, 203

Sweetspot

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



125, 249, 255



217, 253, 255



125, 255, 129



105, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 249, 255



99, 247, 255



125, 210, 255



115, 128, 128



0, 182, 191



0, 61, 64

Inverse Universe

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



255, 125, 249



255, 99, 247



255, 125, 186



128, 115, 127



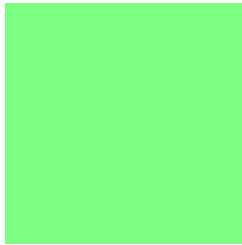
191, 0, 182



64, 0, 61

Previews

White Background



This preview shows how the RYB color 125, 249, 255 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, 249, 255 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

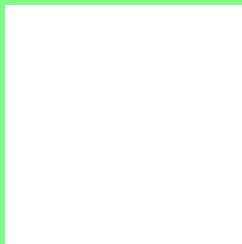
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 125, 249, 255 Background



This preview shows how black text looks on a background with the RYB color 125, 249, 255.

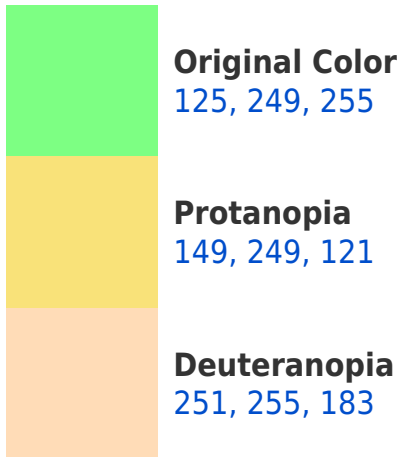


This preview shows how white text looks on a background with the RYB color 125, 249, 255.

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](#).

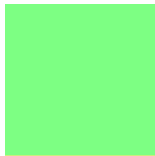
Dichromacy





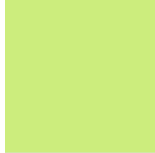
Tritanopia
168, 207, 255

Trichromacy



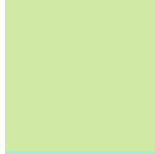
Original Color

125, 249, 255



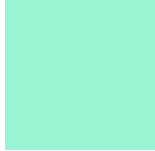
Protanomaly

125, 237, 158



Deuteranomaly

164, 233, 189



Tritanomaly

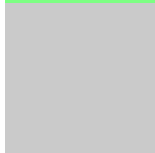
152, 208, 244

Monochromacy



Original Color

125, 249, 255



Achromatopsia

202, 202, 202



Achromatomaly

174, 219, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 249, 255 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, 255, 131)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 131)  
}
```

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, 255, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 131) }
```

Border

The CSS property to change the border of an element to RYB 125, 249, 255 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, 255, 131) }
```

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

```
.border{ border-color:rgb(125, 255, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 255, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 131);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 125, 249, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 131) }
```

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

```
.background{ background-color: rgb(125,  
255, 131) }
```

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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