

Converting Colors

`RYB(124, 233, 255)`

Have a look what the booklet for
RYB(124, 233, 255) contains.

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Color

R_YB(124, 233, 255)

Conversions

Conversions Part 1

Format	Color
Hex	7CFF96
RGB	124, 255, 150
RGB Percent	49%, 100%, 59%
CMY	0.5137, 0.0000, 0.4100
CMYK	0.51, 0.00, 0.41, 0.00
HSL	132°, 100%, 74%
HSV	132°, 51%, 100%
XYZ	49.6127, 78.0213, 41.4852
YIQ	203.8610, -44.3710, -60.4270

Conversions

Conversions Part 2

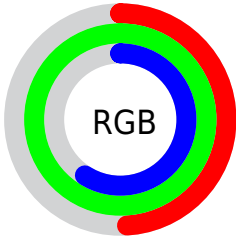
Format	Color
RYB	124, 233, 255
Decimal	8191894
CIELab	90.79, -57.72, 39.13
CIElCh	91, 69.731, 145.865
Yxy	78.0213, 0.2934, 0.4613
Android (android.graphics.Color)	4286381974 (0xFF7CFF96)
YUV	203.8610, -26.5535, -70.0381
Hunter-Lab	88.3297, -54.3176, 33.9844

Details

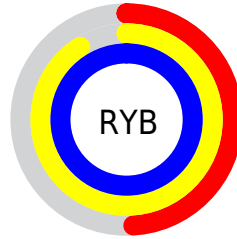
The RYB color **124, 233, 255** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **255, 124, 229**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **184, 239, 255**, and **60, 167, 197** is the 20% darker color. If you saturate the color by 10%, you get **99, 229, 255**, and if you desaturate by 10%, it is **150, 238, 255**.

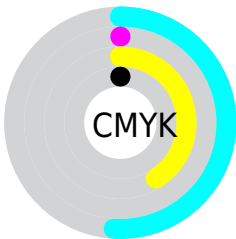
Distribution



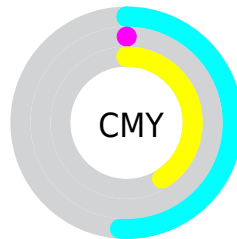
- Red (49%)
- Green (100%)
- Blue (59%)



- Red (49%)
- Yellow (91%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 233, 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 124, 233, 255 by changing the saturation by 10% instead.

 124, 233, 255

255, 255, 255

 184, 238, 255

 214, 242, 255

 244, 250, 255

 124, 233, 255

 93, 201, 226

 60, 167, 197

 6, 122, 169

 0, 106, 142

 0, 97, 115

 0, 90, 90

 0, 65, 65

 0, 42, 42

 0, 5, 5

■ 124, 233, 255

■ 124, 233, 255

■ 99, 229, 255

■ 150, 238, 255

■ 73, 224, 255

■ 175, 242, 255

■ 48, 221, 255

■ 201, 246, 255

■ 22, 216, 255

■ 226, 250, 255

■ 0, 213, 255

■ 252, 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.



102, 242, 135



124, 233, 255



0, 138, 255

Triad

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



124, 233, 255



37, 142, 255



255, 175, 174

Complementary

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



124, 233, 255



255, 124, 229

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, 171, 241



124, 233, 255



217, 215, 255

Square

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



124, 233, 255



0, 127, 255



255, 188, 255



220, 255, 119

Rectangle

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



124, 233, 255



0, 128, 255



255, 188, 255



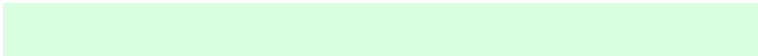
255, 171, 196

Sweetspot

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



124, 233, 255



217, 249, 255



124, 255, 150



105, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 233, 255



97, 228, 255



124, 201, 255



115, 126, 128



0, 159, 191



0, 53, 64

Inverse Universe

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



255, 124, 229



255, 97, 223



255, 124, 163



128, 115, 125



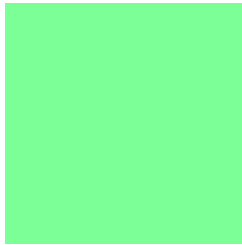
191, 0, 153



64, 0, 51

Previews

White Background



This preview shows how the RYB color 124, 233, 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 124, 233, 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

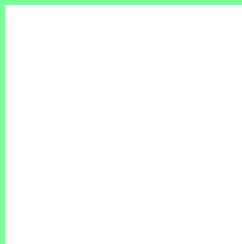
Any Text WCAG AAA ✓ Pass

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

RYB 124, 233, 255 Background



This preview shows how black text looks on a background with the RYB color 124, 233, 255.

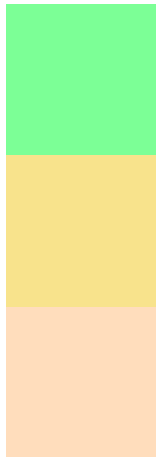


This preview shows how white text looks on a background with the RYB color 124, 233, 255.

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



Original Color
124, 233, 255

Protanopia
166, 248, 140

Deuteranopia
255, 253, 188



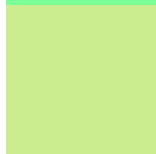
Tritanopia
169, 208, 255

Trichromacy



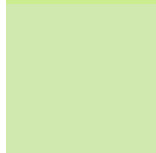
Original Color

124, 233, 255



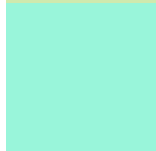
Protanomaly

144, 237, 178



Deuteranomaly

174, 233, 200



Tritanomaly

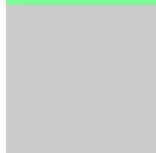
153, 207, 245

Monochromacy



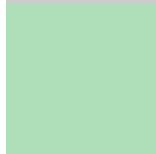
Original Color

124, 233, 255



Achromatopsia

204, 204, 204



Achromatomaly

175, 215, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 233, 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(124, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(124, 255, 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(124, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 255, 150) }
```

Border

The CSS property to change the border of an element to RYB 124, 233, 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(124, 255, 150) }
```

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

```
.border{ border-color:rgb(124, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(124, 255,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 124, 233, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 255, 150) }
```

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

```
.background{ background-color: rgb(124,  
255, 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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