

Converting Colors

`RYB(121, 251, 240)`

Have a look what the booklet for
RYB(121, 251, 240) contains.

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Color

RYB(121, 251, 240)

Conversions

Conversions Part 1	
Format	Color
Hex	84FB79
RGB	132, 251, 121
RGB Percent	52%, 98%, 47%
CMY	0.4824, 0.0157, 0.5255
CMYK	0.47, 0.00, 0.52, 0.02
HSL	115°, 94%, 73%
HSV	115°, 52%, 98%
XYZ	47.4641, 75.2804, 30.1181
YIQ	200.5990, -29.1940, -65.6580

Conversions

Conversions Part 2

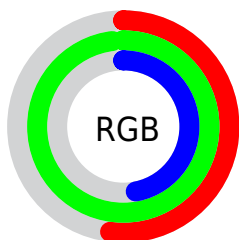
Format	Color
RYB	121, 251, 240
Decimal	8715129
CIELab	89.52, -58.16, 51.63
CIELCh	90, 77.768, 138.406
Yxy	75.2804, 0.3105, 0.4925
Android (android.graphics.Color)	4286905209 (0xFF84FB79)
YUV	200.5990, -39.2423, -60.1613
Hunter-Lab	86.7643, -54.1896, 40.1539

Details

The RYB color **121, 251, 240** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **240, 121, 251**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **176, 255, 240**, and **68, 193, 191** is the 20% darker color. If you saturate the color by 10%, you get **96, 251, 238**, and if you desaturate by 10%, it is **146, 251, 242**.

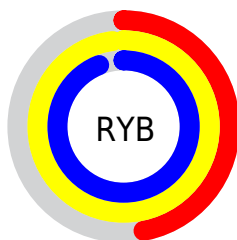
Distribution



Red (52%)

Green (98%)

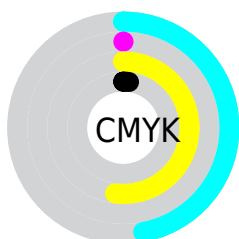
Blue (47%)



Red (47%)

Yellow (98%)

Blue (94%)

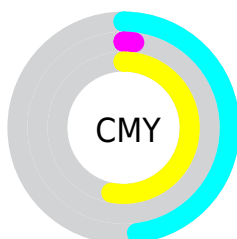


Cyan (47%)

Magenta (0%)

Yellow (52%)

Black (2%)



Cyan (48%)

Magenta (2%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 251, 240 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 121, 251, 240 by changing the saturation by 10% instead.

 121, 251, 240

255, 255, 255


 176, 255, 240


 204, 255, 238


 233, 255, 236


 121, 251, 240

 94, 222, 214

 68, 193, 191

 31, 158, 166

 0, 135, 139

 0, 112, 112

 0, 86, 86

 0, 62, 62

 0, 39, 39

 0, 0, 0

 121, 251, 240

 121, 251, 240

 96, 251, 238

 146, 251, 242


 71, 251, 236

 171, 251, 244

 46, 251, 234

 196, 251, 246

 21, 251, 232

 221, 251, 248

 0, 251, 230

 247, 251, 251

 255, 251, 255

Harmonies

Analogous

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



71, 235, 85



121, 251, 240



0, 145, 255

Triad

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



121, 251, 240



0, 124, 255



255, 159, 182

Complementary

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



121, 251, 240



240, 121, 251

Split Complementary

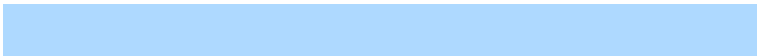
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 160, 255



121, 251, 240



174, 202, 255

Square

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



121, 251, 240



0, 128, 255



255, 186, 255



255, 242, 116

Rectangle

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



121, 251, 240



0, 130, 255



255, 186, 255



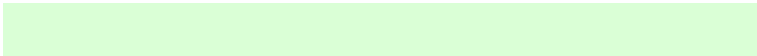
255, 156, 207

Sweetspot

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



121, 251, 240



214, 255, 251



135, 251, 121



103, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



121, 251, 240



97, 255, 242



121, 214, 251



112, 125, 123



0, 189, 173



0, 61, 56

Inverse Universe

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



240, 121, 251



242, 97, 255



251, 121, 199



124, 112, 125



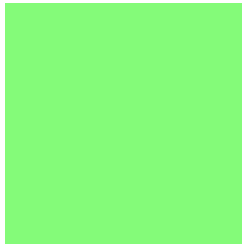
173, 0, 189



56, 0, 61

Previews

White Background



This preview shows how the RYB color 121, 251, 240 looks on a white background.

Color Contrast Check

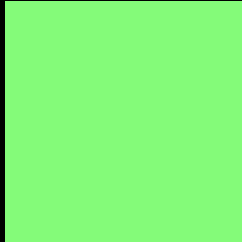
Large Text (above 18pt) WCAG AA × Fail

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 121, 251, 240 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 121, 251, 240 Background



This preview shows how black text looks on a background with the RYB color 121, 251, 240.

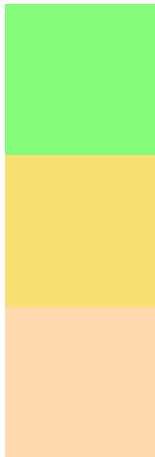


This preview shows how white text looks on a background with the RYB color 121, 251, 240.

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

121, 251, 240

Protanopia

140, 247, 112

Deuteranopia

244, 255, 173



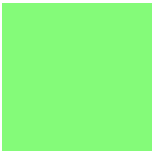
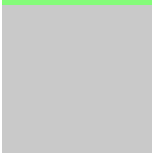

Tritanopia

160, 202, 255

Trichromacy

	Original Color 121, 251, 240
	Protanomaly 115, 234, 144
	Deuteranomaly 154, 229, 173
	Tritanomaly 150, 206, 241

Monochromacy

	Original Color 121, 251, 240
	Achromatopsia 201, 201, 201
	Achromatomaly 172, 219, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 251, 240 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(132, 251, 121)` looks like.

```
.text, #text, p{  
    color:rgb(132, 251, 121)  
}
```

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(132, 251, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 251, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 251, 240 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(132, 251, 121) }
```

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

```
.border{ border-color:rgb(132, 251, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 251, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 251, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 251, 121);  
box-shadow:4px 4px 4px 4px rgb(132, 251,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 121, 251, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 251, 121) }
```

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

```
.background{ background-color: rgb(132,  
251, 121) }
```

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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