

Converting Colors

`RYB(121, 255, 162)`

Have a look what the booklet for
RYB(121, 255, 162) contains.

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Color

R_YB(121, 255, 162)

Conversions

Conversions Part 1

Format	Color
Hex	D6FF79
RGB	214, 255, 121
RGB Percent	84%, 100%, 47%
CMY	0.1608, 0.0000, 0.5255
CMYK	0.16, 0.00, 0.53, 0.00
HSL	78°, 100%, 74%
HSV	78°, 53%, 100%
XYZ	66.9427, 87.1966, 31.3915
YIQ	227.4650, 18.5780, -50.3660

Conversions

Conversions Part 2

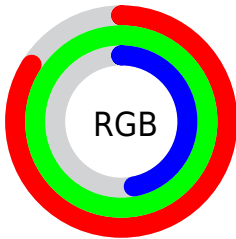
Format	Color
RYB	121, 255, 162
Decimal	14090105
CIELab	94.82, -32.82, 58.95
CIELCh	95, 67.468, 119.106
Yxy	87.1966, 0.3608, 0.4700
Android (android.graphics.Color)	4292280185 (0xFFD6FF79)
YUV	227.4650, -52.4872, -11.8088
Hunter-Lab	93.3791, -35.4483, 45.4337

Details

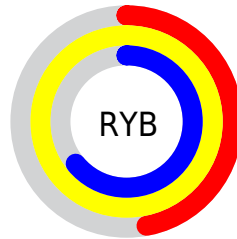
The RYB color **121, 255, 162** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **162, 121, 255**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **176, 255, 176**, and **67, 198, 108** is the 20% darker color. If you saturate the color by 10%, you get **96, 255, 145**, and if you desaturate by 10%, it is **147, 255, 180**.

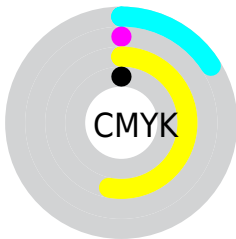
Distribution



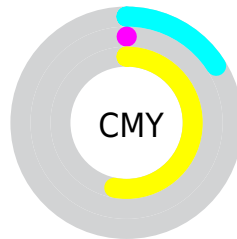
- Red (84%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (64%)



- Cyan (16%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 255, 162 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, 255, 162 by changing the saturation by 10% instead.

 121, 255, 162


255, 255, 255


 176, 255, 176

 205, 255, 205


 234, 255, 234


 121, 255, 162


 94, 226, 135

 67, 198, 108

 38, 171, 80

 0, 144, 43

 0, 118, 44

 0, 93, 45

 0, 69, 53

 0, 46, 46

 0, 25, 25

■ 121, 255, 162

■ 121, 255, 162

■ 96, 255, 145

■ 147, 255, 180

■ 70, 255, 127

■ 172, 255, 197

■ 44, 255, 108

■ 197, 255, 215

■ 19, 255, 91

■ 223, 255, 233

■ 0, 255, 78

■ 249, 255, 251

255, 255, 255

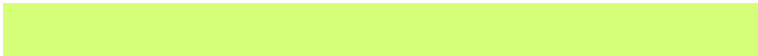
Harmonies

Analogous

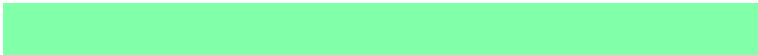
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



127, 255, 105



121, 255, 162



130, 225, 255

Triad

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



121, 255, 162



0, 128, 255



255, 184, 245

Complementary

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



121, 255, 162



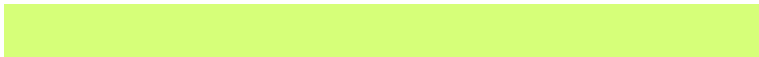
162, 121, 255

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, 199, 255



121, 255, 162



110, 181, 255

Square

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



121, 255, 162



0, 128, 255



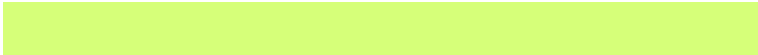
241, 224, 255



255, 193, 180

Rectangle

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



121, 255, 162



0, 139, 255



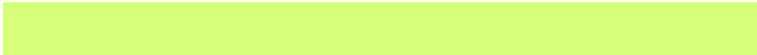
241, 224, 255



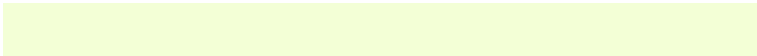
255, 187, 255

Sweetspot

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



121, 255, 162



214, 255, 226



255, 178, 121



103, 128, 111



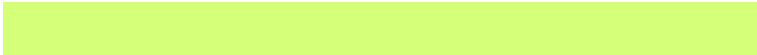
0, 0, 0



128, 128, 128

Same Dimension

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



121, 255, 162



94, 255, 143



121, 255, 228



115, 128, 119



0, 191, 58



0, 64, 20

Inverse Universe

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



162, 121, 255



144, 94, 255



228, 121, 255



119, 115, 128



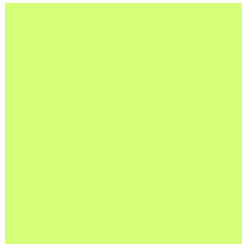
59, 0, 191



20, 0, 64

Previews

White Background



This preview shows how the RYB color 121, 255, 162 looks on a white background.

Color Contrast Check

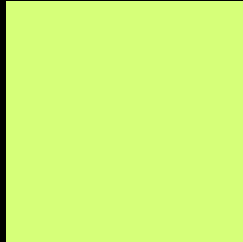
Large Text (above 18pt) WCAG AA × Fail

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, 255, 162 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, 255, 162 Background



This preview shows how black text looks on a background with the RYB color 121, 255, 162.

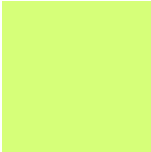
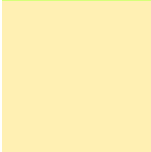
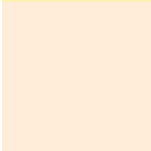


This preview shows how white text looks on a background with the RYB color 121, 255, 162.

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](#).

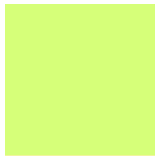
Dichromacy

	Original Color 121, 255, 162
	Protanopia 198, 255, 179
	Deuteranopia 251, 255, 217



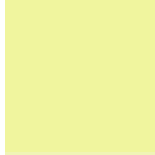
Tritanopia
233, 238, 255

Trichromacy



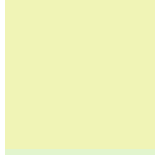
Original Color

121, 255, 162



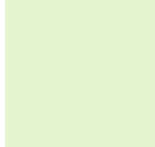
Protanomaly

158, 245, 163



Deuteranomaly

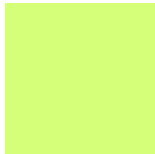
182, 244, 186



Tritanomaly

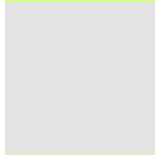
206, 245, 225

Monochromacy



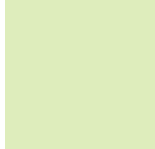
Original Color

121, 255, 162



Achromatopsia

227, 227, 227



Achromatomaly

188, 237, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 255, 162 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(214, 255, 121)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 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(214, 255, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 255, 162 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(214, 255, 121) }
```

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

```
.border{ border-color:rgb(214, 255, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 255, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 255, 121); box-shadow:4px 4px 4px 4px rgb(214, 255, 121) }
```

Background

The CSS property to change the background color of an element to RGB 121, 255, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 121) }
```

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

```
.background{ background-color: rgb(214,  
255, 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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