

Converting Colors

`RYB(124, 252, 158)`

Have a look what the booklet for
RYB(124, 252, 158) contains.

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Color

R_YB(124, 252, 158)

Conversions

Conversions Part 1

Format	Color
Hex	DAFC7C
RGB	218, 252, 124
RGB Percent	85%, 99%, 49%
CMY	0.1451, 0.0118, 0.5137
CMYK	0.13, 0.00, 0.51, 0.01
HSL	76°, 96%, 74%
HSV	76°, 51%, 99%
XYZ	67.3619, 85.9815, 32.1145
YIQ	227.2420, 20.8240, -47.0160

Conversions

Conversions Part 2

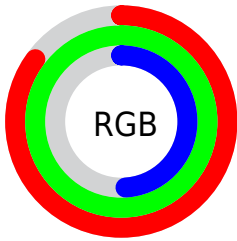
Format	Color
RYB	124, 252, 158
Decimal	14351484
CIELab	94.30, -29.66, 57.05
CIELCh	94, 64.300, 117.471
Yxy	85.9815, 0.3632, 0.4636
Android (android.graphics.Color)	4292541564 (0xFFDAFC7C)
YUV	227.2420, -50.8983, -8.1052
Hunter-Lab	92.7262, -32.5976, 44.3740

Details

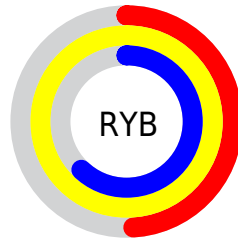
The RYB color **124, 252, 158** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **158, 124, 252**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **179, 255, 179**, and **70, 195, 104** is the 20% darker color. If you saturate the color by 10%, you get **99, 252, 140**, and if you desaturate by 10%, it is **149, 252, 176**.

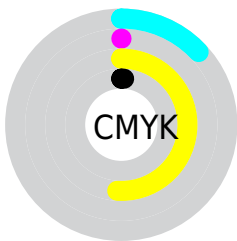
Distribution



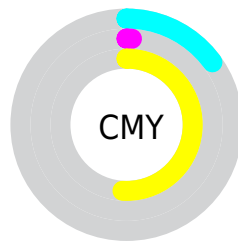
- Red (85%)
- Green (99%)
- Blue (49%)



- Red (49%)
- Yellow (99%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (51%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 252, 158 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, 252, 158 by changing the saturation by 10% instead.

 124, 252, 158

255, 255, 255


 179, 255, 179


 208, 255, 208


 237, 255, 237


 124, 252, 158


 97, 223, 131

 70, 195, 104

 42, 168, 77

 4, 142, 40

 0, 116, 37

 0, 91, 38

 0, 67, 43

 0, 45, 45

 0, 24, 24

■ 124, 252, 158

■ 124, 252, 158

■ 99, 252, 140

■ 149, 252, 176

■ 74, 252, 121

■ 174, 252, 195

■ 48, 252, 102

■ 200, 252, 214

■ 23, 252, 84

■ 225, 252, 232

■ 0, 252, 67

■ 250, 252, 251

■ 255, 252, 255

Harmonies

Analogous

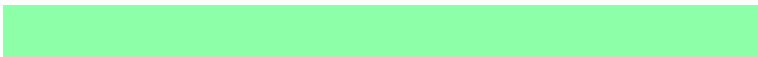
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137, 255, 111



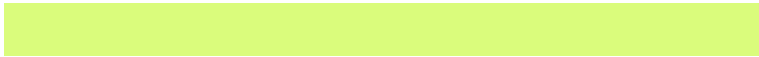
124, 252, 158



141, 233, 255

Triad

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



124, 252, 158



0, 128, 255



255, 187, 246

Complementary

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



124, 252, 158



158, 124, 252

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, 201, 255



124, 252, 158



112, 181, 255

Square

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



124, 252, 158



0, 128, 255



235, 224, 255



255, 192, 185

Rectangle

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



124, 252, 158



55, 168, 255



235, 224, 255



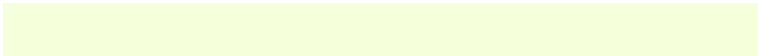
255, 190, 255

Sweetspot

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



124, 252, 158



217, 255, 227



252, 167, 124



105, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



124, 252, 158



99, 255, 140



124, 252, 220



112, 125, 115



0, 189, 50



0, 61, 16

Inverse Universe

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



158, 124, 252



141, 99, 255



220, 124, 252



116, 112, 125



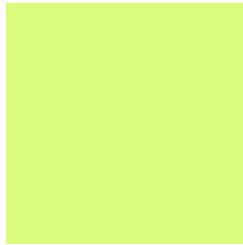
50, 0, 189



16, 0, 61

Previews

White Background



This preview shows how the RYB color 124, 252, 158 looks on a white background.

Color Contrast Check

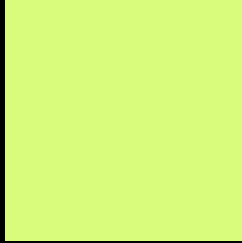
Large Text (above 18pt) WCAG AA × Fail

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, 252, 158 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

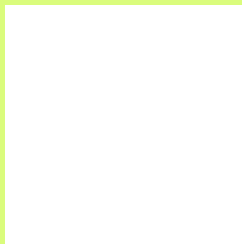
Any Text WCAG AAA ✓ Pass

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

RYB 124, 252, 158 Background



This preview shows how black text looks on a background with the RYB color 124, 252, 158.

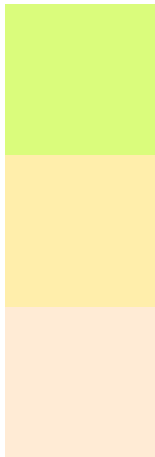


This preview shows how white text looks on a background with the RYB color 124, 252, 158.

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, 252, 158

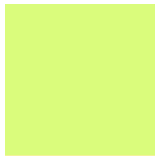
Protanopia
192, 255, 171

Deuteranopia
251, 255, 213

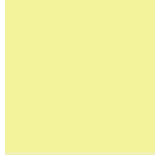


Tritanopia
234, 237, 255

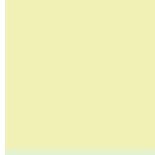
Trichromacy



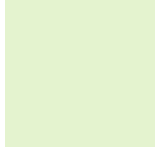
Original Color
124, 252, 158



Protanomaly
154, 243, 155

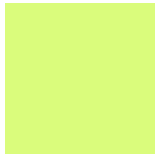


Deuteranomaly
182, 242, 181

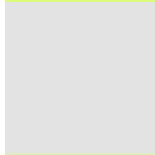


Tritanomaly
207, 243, 222

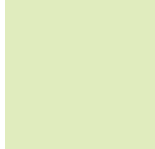
Monochromacy



Original Color
124, 252, 158



Achromatopsia
227, 227, 227



Achromatomaly
190, 236, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 252, 158 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(218, 252, 124)` looks like.

```
.text, #text, p{  
    color:rgb(218, 252, 124)  
}
```

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(218, 252, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 252, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 252, 158 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(218, 252, 124) }
```

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

```
.border{ border-color:rgb(218, 252, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 252, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 252, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 252, 124);  
box-shadow:4px 4px 4px 4px rgb(218, 252,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 252, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 252, 124) }
```

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

```
.background{ background-color: rgb(218,  
252, 124) }
```

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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