

Converting Colors

`RYB(148, 253, 120)`

Have a look what the booklet for
RYB(148, 253, 120) contains.

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Color

R_YB(148, 253, 120)

Conversions

Conversions Part 1

Format	Color
Hex	FDE678
RGB	253, 230, 120
RGB Percent	99%, 90%, 47%
CMY	0.0078, 0.0986, 0.5294
CMYK	0.00, 0.09, 0.53, 0.01
HSL	50°, 97%, 73%
HSV	50°, 53%, 99%
XYZ	72.1587, 78.7598, 29.1683
YIQ	224.3370, 49.0180, -29.3340

Conversions

Conversions Part 2

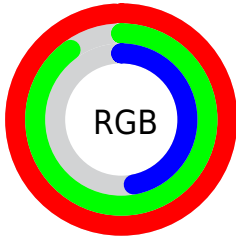
Format	Color
RYB	148, 253, 120
Decimal	16639608
CIELab	91.13, -5.62, 55.77
CIELCh	91, 56.054, 95.754
Yxy	78.7598, 0.4007, 0.4373
Android (android.graphics.Color)	4294829688 (0xFFFDE678)
YUV	224.3370, -51.4381, 25.1375
Hunter-Lab	88.7467, -10.1709, 42.6359

Details

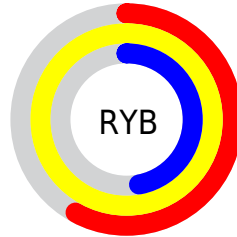
The RYB color **148, 253, 120** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **120, 140, 253**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **175, 255, 175**, and **89, 194, 67** is the 20% darker color. If you saturate the color by 10%, you get **129, 253, 95**, and if you desaturate by 10%, it is **168, 253, 145**.

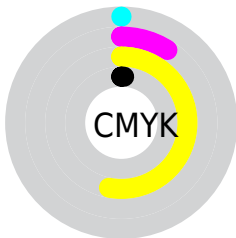
Distribution



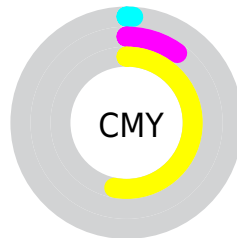
- Red (99%)
- Green (90%)
- Blue (47%)



- Red (58%)
- Yellow (99%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (1%)

















- Cyan (1%)
- Magenta (10%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 253, 120 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 148, 253, 120 by changing the saturation by 10% instead.

 148, 253, 120	 148, 253, 120
255, 255, 255	 118, 223, 93
 175, 255, 175	 89, 194, 67
 203, 255, 203	 60, 165, 40
 232, 255, 232	 20, 137, 4
	 12, 109, 0
	 10, 83, 0
	 5, 57, 0
	 1, 32, 0
	 0, 8, 8

■ 148, 253, 120

■ 148, 253, 120

■ 129, 253, 95

■ 168, 253, 145

■ 108, 253, 69

■ 188, 253, 171

■ 87, 253, 44

■ 208, 253, 196

■ 69, 253, 19

■ 228, 253, 221

■ 53, 253, 0

■ 248, 253, 247

253, 254, 255

Harmonies

Analogous

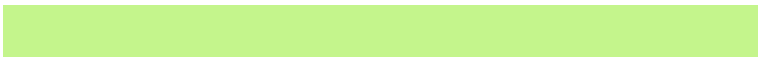
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201, 255, 132



148, 253, 120



140, 245, 189

Triad

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



148, 253, 120



0, 128, 255



255, 193, 255

Complementary

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



148, 253, 120



120, 140, 253

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.



248, 212, 255



148, 253, 120



0, 125, 255

Square

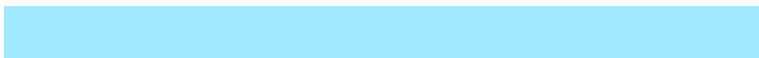
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



148, 253, 120



0, 132, 255



162, 202, 255



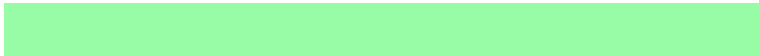
255, 186, 221

Rectangle

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



148, 253, 120



152, 239, 252



162, 202, 255



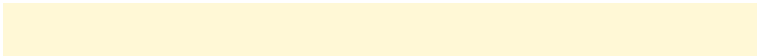
255, 199, 255

Sweetspot

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



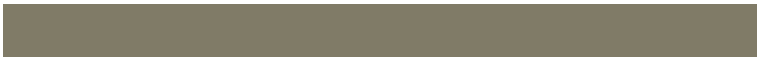
148, 253, 120



222, 255, 214



253, 120, 144



109, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

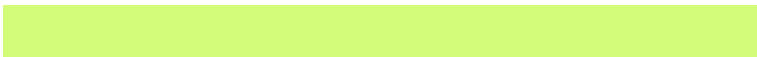
The Same Dimension uses a secret algorithm to generate beautiful new colors.



148, 253, 120



128, 255, 94



120, 253, 162



119, 128, 115



40, 191, 0



13, 64, 0

Inverse Universe

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



120, 140, 253



94, 118, 255



162, 120, 253



115, 117, 128



0, 28, 191



0, 9, 64

Previews

White Background



This preview shows how the RYB color 148, 253, 120 looks on a white background.

Color Contrast Check

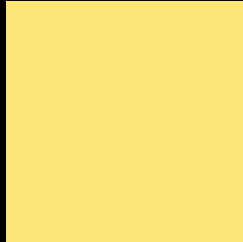
Large Text (above 18pt) WCAG AA × Fail

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 148, 253, 120 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](#).

R_YB 148, 253, 120 Background



This preview shows how black text looks on a background with the R_YB color 148, 253, 120.



This preview shows how white text looks on a background with the R_YB color 148, 253, 120.

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
148, 253, 120

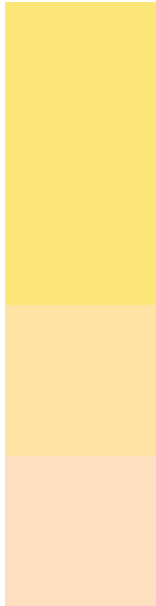
Protanopia
148, 253, 120

Deuteranopia
244, 255, 189



Tritanopia
255, 221, 233

Trichromacy



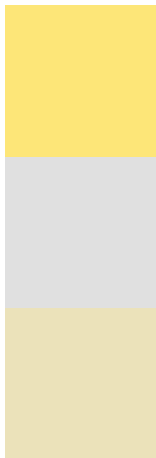
Original Color
148, 253, 120

Protanomaly
148, 253, 120

Deuteranomaly
203, 254, 164

Tritanomaly
250, 254, 192

Monochromacy



Original Color
148, 253, 120

Achromatopsia
224, 224, 224

Achromatomaly
197, 235, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 253, 120 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(253, 230, 120)` looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 120)  
}
```

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(253, 230, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 120) }
```

Border

The CSS property to change the border of an element to RYB 148, 253, 120 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(253, 230, 120) }
```

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

```
.border{ border-color:rgb(253, 230, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 230, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 120);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 148, 253, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 120) }
```

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

```
.background{ background-color: rgb(253,  
230, 120) }
```

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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