

Converting Colors

RGB(152, 246, 105)

Have a look what the booklet for
RGB(152, 246, 105) contains.

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Color

RGB(152, 246, 105)

Conversions

Conversions Part 1

Format	Color
Hex	98F669
RGB	152, 246, 105
RGB Percent	60%, 96%, 41%
CMY	0.4039, 0.0353, 0.5882
CMYK	0.38, 0.00, 0.57, 0.04
HSL	100°, 89%, 69%
HSV	100°, 57%, 96%
XYZ	48.4545, 73.6069, 25.0183
YIQ	201.8200, -10.7630, -63.7790

Conversions

Conversions Part 2

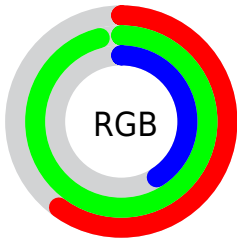
Format	Color
RYB	105, 246, 199
Decimal	10024553
CIELab	88.74, -52.02, 58.08
CIElCh	89, 77.975, 131.851
Yxy	73.6069, 0.3294, 0.5005
Android (android.graphics.Color)	4288214633 (0xFF98F669)
YUV	201.8200, -47.7323, -43.6921
Hunter-Lab	85.7944, -49.3281, 42.7667

Details

The RGB color **152, 246, 105** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **199, 105, 246**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **211, 255, 160**, and **94, 189, 50** is the 20% darker color. If you saturate the color by 10%, you get **136, 246, 80**, and if you desaturate by 10%, it is **168, 246, 130**.

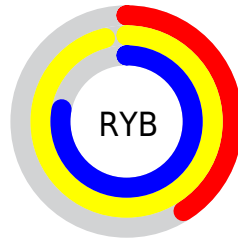
Distribution



Red (60%)

Green (96%)

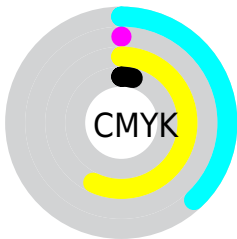
Blue (41%)



Red (41%)

Yellow (96%)

Blue (78%)

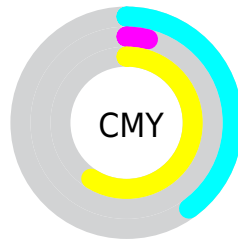


Cyan (38%)

Magenta (0%)

Yellow (57%)

Black (4%)



Cyan (40%)

Magenta (4%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 152, 246, 105 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 RGB color 152, 246, 105 by changing the saturation by 10% instead.

 152, 246, 105

255, 255, 255

 211, 255, 160

 240, 255, 188


 255, 255, 217

 255, 255, 246

 152, 246, 105

 123, 217, 78

 94, 189, 50

 63, 161, 15

 27, 135, 0

 0, 109, 0

 0, 83, 0

 0, 59, 0

 0, 37, 0

 0, 0, 0

■ 152, 246, 105

■ 152, 246, 105

■ 136, 246, 80

■ 168, 246, 130

■ 119, 246, 56

■ 185, 246, 154

■ 103, 246, 31

■ 201, 246, 179

■ 86, 246, 7

■ 218, 246, 203

■ 82, 246, 0

■ 234, 246, 228

■ 250, 246, 253

■ 255, 246, 255

Harmonies

Analogous

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



234, 228, 62



152, 246, 105



0, 255, 174

Triad

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



152, 246, 105



0, 243, 255



255, 154, 196

Complementary

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



152, 246, 105



199, 105, 246

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, 162, 255



152, 246, 105



133, 221, 255

Square

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



152, 246, 105



0, 255, 255



255, 190, 255



255, 173, 127

Rectangle

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



152, 246, 105



0, 255, 225



255, 190, 255



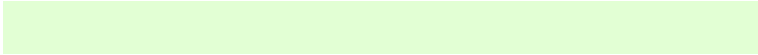
255, 153, 221

Sweetspot

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



152, 246, 105



226, 255, 212



246, 199, 105



111, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



152, 246, 105



138, 255, 79



105, 246, 128



114, 122, 110



62, 186, 0



20, 59, 0

Inverse Universe

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



199, 105, 246



196, 79, 255



246, 105, 222



118, 110, 122



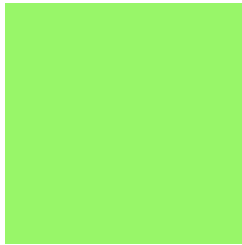
124, 0, 186



39, 0, 59

Previews

White Background



This preview shows how the RGB color 152, 246, 105 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 RGB color 152, 246, 105 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

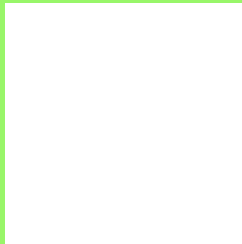
Any Text WCAG AAA ✓ Pass

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

RGB 152, 246, 105 Background



This preview shows how black text looks on a background with the RGB color 152, 246, 105.

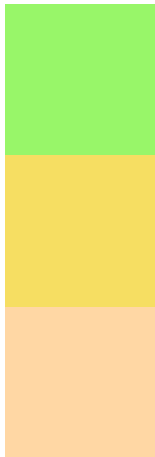


This preview shows how white text looks on a background with the RGB color 152, 246, 105.

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
152, 246, 105

Protanopia
246, 222, 98

Deuteranopia
255, 215, 164



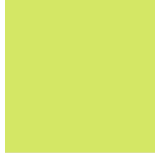
Tritanopia
176, 231, 249

Trichromacy



Original Color

152, 246, 105



Protanomaly

212, 231, 101



Deuteranomaly

218, 226, 143



Tritanomaly

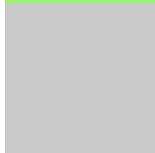
167, 236, 197

Monochromacy



Original Color

152, 246, 105



Achromatopsia

202, 202, 202



Achromatomaly

184, 218, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 246, 105 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(152, 246, 105)` looks like.

```
.text, #text, p{  
    color:rgb(152, 246, 105)  
}
```

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(152, 246, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 246, 105) }
```

Border

The CSS property to change the border of an element to RGB 152, 246, 105 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(152, 246, 105) }
```

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

```
.border{ border-color:rgb(152, 246, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 246, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 246, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 246, 105);  
box-shadow:4px 4px 4px 4px rgb(152, 246,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 152, 246, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 246, 105) }
```

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

```
.background{ background-color: rgb(152,  
246, 105) }
```

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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