

Converting Colors

RGB(192, 248, 147)

Have a look what the booklet for
RGB(192, 248, 147) contains.

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Color

RGB(192, 248, 147)

Conversions

Conversions Part 1

Format	Color
Hex	C0F893
RGB	192, 248, 147
RGB Percent	75%, 97%, 58%
CMY	0.2471, 0.0275, 0.4235
CMYK	0.23, 0.00, 0.41, 0.03
HSL	93°, 88%, 77%
HSV	93°, 41%, 97%
XYZ	60.5721, 80.4479, 39.9393
YIQ	219.7420, -0.9550, -43.2830

Conversions

Conversions Part 2

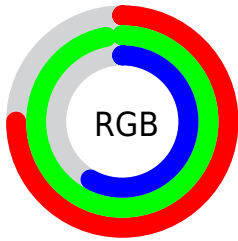
Format	Color
RYB	147, 248, 203
Decimal	12646547
CIELab	91.89, -34.75, 42.84
CIElCh	92, 55.161, 129.043
Yxy	80.4479, 0.3347, 0.4446
Android (android.graphics.Color)	4290836627 (0xFFC0F893)
YUV	219.7420, -35.8618, -24.3297
Hunter-Lab	89.6927, -36.4161, 36.3837

Details

The RGB color **192, 248, 147** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **203, 147, 248**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **250, 255, 202**, and **136, 191, 95** is the 20% darker color. If you saturate the color by 10%, you get **178, 248, 122**, and if you desaturate by 10%, it is **206, 248, 172**.

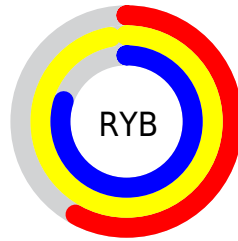
Distribution



Red (75%)

Green (97%)

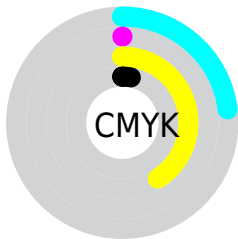
Blue (58%)



Red (58%)

Yellow (97%)

Blue (80%)

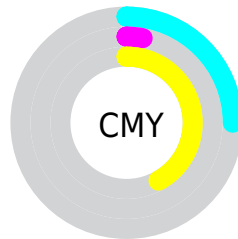


Cyan (23%)

Magenta (0%)

Yellow (41%)

Black (3%)



Cyan (25%)

Magenta (3%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 192, 248, 147 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 192, 248, 147 by changing the saturation by 10% instead.

 192, 248, 147

255, 255, 255


 250, 255, 202

 255, 255, 231

 192, 248, 147

 164, 219, 120

 136, 191, 95

 110, 164, 69

 83, 137, 44

 57, 112, 17

 29, 87, 0

 0, 63, 0

 0, 41, 0

 0, 13, 0

■ 192, 248, 147

■ 192, 248, 147

■ 178, 248, 122

■ 206, 248, 172

■ 164, 248, 97

■ 220, 248, 197

■ 151, 248, 73

■ 233, 248, 221

■ 137, 248, 48

■ 247, 248, 246

■ 123, 248, 23

■ 255, 248, 255

■ 110, 248, 0

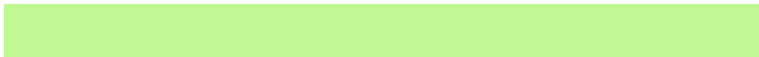
Harmonies

Analogous

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



249, 234, 125



192, 248, 147



122, 255, 192

Triad

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



192, 248, 147



48, 247, 255



255, 189, 218

Complementary

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



192, 248, 147



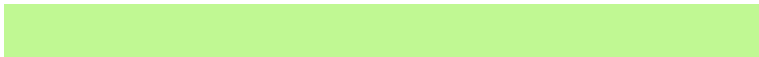
203, 147, 248

Split Complementary

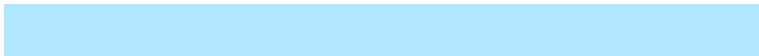
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 195, 255



192, 248, 147



177, 232, 255

Square

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



192, 248, 147



0, 255, 255



255, 212, 255



255, 198, 168

Rectangle

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



192, 248, 147



48, 255, 228



255, 212, 255



255, 189, 236

Sweetspot

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



192, 248, 147



238, 255, 224



248, 203, 147



118, 128, 110



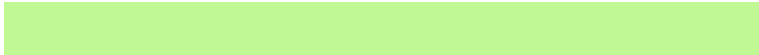
0, 0, 0



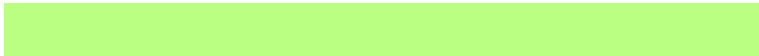
128, 128, 128

Same Dimension

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



192, 248, 147



186, 255, 130



147, 248, 152



118, 125, 112



84, 189, 0



27, 61, 0

Inverse Universe

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



203, 147, 248



199, 130, 255



248, 147, 243



119, 112, 125



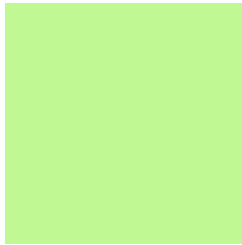
105, 0, 189



34, 0, 61

Previews

White Background



This preview shows how the RGB color 192, 248, 147 looks on a white background.

Color Contrast Check

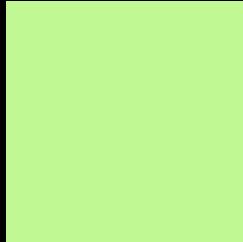
Large Text (above 18pt) WCAG AA × Fail

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 192, 248, 147 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 192, 248, 147 Background



This preview shows how black text looks on a background with the RGB color 192, 248, 147.

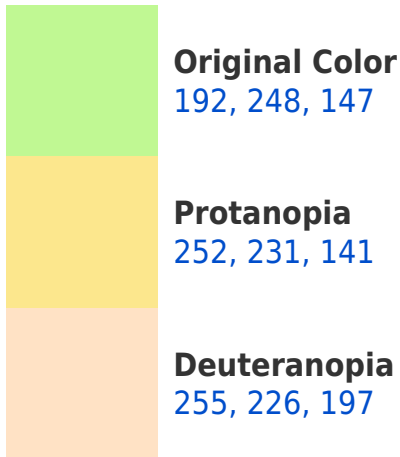


This preview shows how white text looks on a background with the RGB color 192, 248, 147.

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





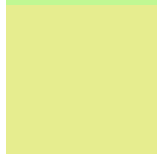
Tritanopia
208, 235, 254

Trichromacy



Original Color

192, 248, 147



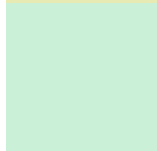
Protanomaly

230, 237, 143



Deuteranomaly

232, 234, 179



Tritanomaly

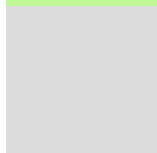
202, 240, 215

Monochromacy



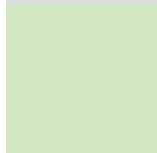
Original Color

192, 248, 147



Achromatopsia

220, 220, 220



Achromatomaly

210, 230, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 248, 147 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(192, 248, 147)` looks like.

```
.text, #text, p{  
    color:rgb(192, 248, 147)  
}
```

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(192, 248, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 248, 147) }
```

Border

The CSS property to change the border of an element to RGB 192, 248, 147 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(192, 248, 147) }
```

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

```
.border{ border-color:rgb(192, 248, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 248, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 248, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 248, 147);  
box-shadow:4px 4px 4px 4px rgb(192, 248,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 192, 248, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 248, 147) }
```

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

```
.background{ background-color: rgb(192,  
248, 147) }
```

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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