

Converting Colors

RGB(170, 245, 122)

Have a look what the booklet for
RGB(170, 245, 122) contains.

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Color

RGB(170, 245, 122)

Conversions

Conversions Part 1

Format	Color
Hex	AAF57A
RGB	170, 245, 122
RGB Percent	67%, 96%, 48%
CMY	0.3333, 0.0392, 0.5216
CMYK	0.31, 0.00, 0.50, 0.04
HSL	97°, 86%, 72%
HSV	97°, 50%, 96%
XYZ	52.7428, 75.2560, 30.1584
YIQ	208.5530, -5.2170, -54.1530

Conversions

Conversions Part 2

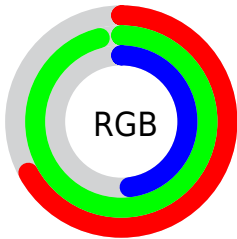
Format	Color
RYB	122, 245, 197
Decimal	11203962
CIELab	89.51, -43.92, 51.55
CIElCh	90, 67.721, 130.431
Yxy	75.2560, 0.3335, 0.4758
Android (android.graphics.Color)	4289394042 (0xFFAAF57A)
YUV	208.5530, -42.6706, -33.8110
Hunter-Lab	86.7502, -43.2876, 40.1132

Details

The RGB color **170, 245, 122** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **197, 122, 245**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **228, 255, 177**, and **114, 188, 69** is the 20% darker color. If you saturate the color by 10%, you get **155, 245, 98**, and if you desaturate by 10%, it is **185, 245, 147**.

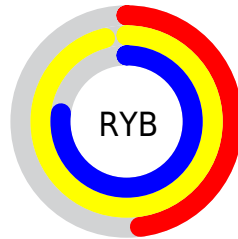
Distribution



Red (67%)

Green (96%)

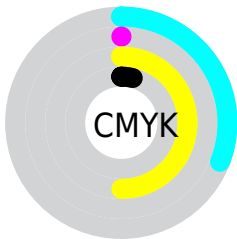
Blue (48%)



Red (48%)

Yellow (96%)

Blue (77%)

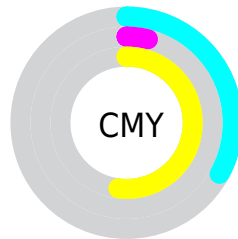


Cyan (31%)

Magenta (0%)

Yellow (50%)

Black (4%)



Cyan (33%)

Magenta (4%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 245, 122 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 170, 245, 122 by changing the saturation by 10% instead.

 170, 245, 122

255, 255, 255

 228, 255, 177

 255, 255, 205

 255, 255, 234

 170, 245, 122

 142, 216, 95

 114, 188, 69

 86, 161, 42

 57, 134, 8

 24, 108, 0

 0, 83, 0

 0, 59, 0

 0, 39, 0

 0, 0, 0

■ 170, 245, 122

■ 170, 245, 122

■ 155, 245, 98

■ 185, 245, 147

■ 140, 245, 73

■ 200, 245, 171

■ 125, 245, 48

■ 215, 245, 196

■ 110, 245, 24

■ 230, 245, 220

■ 96, 245, 0

■ 245, 245, 245

■ 255, 245, 255

Harmonies

Analogous

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



240, 229, 91



170, 245, 122



58, 254, 179

Triad

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



170, 245, 122



0, 244, 255



255, 169, 205

Complementary

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



170, 245, 122



197, 122, 245

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, 176, 255



170, 245, 122



152, 224, 255

Square

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



170, 245, 122



0, 254, 255



255, 199, 255



255, 182, 144

Rectangle

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



170, 245, 122



0, 255, 224



255, 199, 255



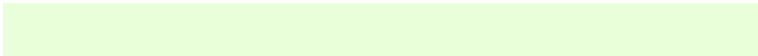
255, 169, 227

Sweetspot

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



170, 245, 122



232, 255, 217



245, 196, 122



114, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



170, 245, 122



162, 255, 102



122, 245, 134



115, 122, 110



73, 186, 0



23, 59, 0

Inverse Universe

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



197, 122, 245



195, 102, 255



245, 122, 233



118, 110, 122



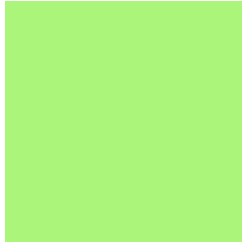
114, 0, 186



36, 0, 59

Previews

White Background



This preview shows how the RGB color 170, 245, 122 looks on a white background.

Color Contrast Check

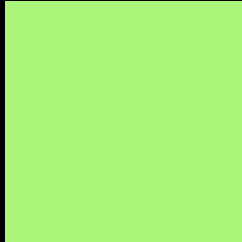
Large Text (above 18pt) WCAG AA × Fail

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 170, 245, 122 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 170, 245, 122 Background



This preview shows how black text looks on a background with the RGB color 170, 245, 122.



This preview shows how white text looks on a background with the RGB color 170, 245, 122.

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
190, 231, 249

Trichromacy



Original Color

170, 245, 122



Protanomaly

219, 232, 118



Deuteranomaly

224, 228, 155



Tritanomaly

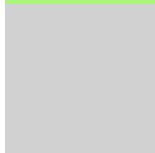
183, 236, 203

Monochromacy



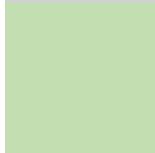
Original Color

170, 245, 122



Achromatopsia

209, 209, 209



Achromatomaly

195, 222, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 245, 122 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(170, 245, 122)` looks like.

```
.text, #text, p{  
    color:rgb(170, 245, 122)  
}
```

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(170, 245, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 245, 122) }
```

Border

The CSS property to change the border of an element to RGB 170, 245, 122 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(170, 245, 122) }
```

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

```
.border{ border-color:rgb(170, 245, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 245, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 245, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 245, 122);  
box-shadow:4px 4px 4px 4px rgb(170, 245,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 170, 245, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 245, 122) }
```

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

```
.background{ background-color: rgb(170,  
245, 122) }
```

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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