

Converting Colors

RGB(110, 248, 122)

Have a look what the booklet for
RGB(110, 248, 122) contains.

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Color

RGB(110, 248, 122)

Conversions

Conversions Part 1

Format	Color
Hex	6EF87A
RGB	110, 248, 122
RGB Percent	43%, 97%, 48%
CMY	0.5686, 0.0275, 0.5216
CMYK	0.56, 0.00, 0.51, 0.03
HSL	125°, 91%, 70%
HSV	125°, 56%, 97%
XYZ	43.5107, 71.8549, 29.9885
YIQ	192.3740, -41.8020, -68.4420

Conversions

Conversions Part 2

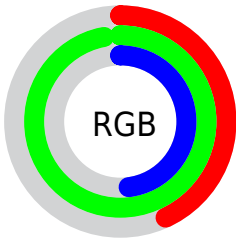
Format	Color
RYB	110, 237, 248
Decimal	7272570
CIELab	87.90, -62.49, 49.01
CIELCh	88, 79.416, 141.893
Yxy	71.8549, 0.2993, 0.4943
Android (android.graphics.Color)	4285462650 (0xFF6EF87A)
YUV	192.3740, -34.6944, -72.2420
Hunter-Lab	84.7673, -56.7195, 38.3618

Details

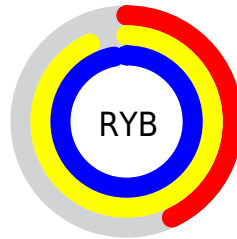
The RGB color **110, 248, 122** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **248, 110, 236**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **171, 255, 177**, and **37, 190, 69** is the 20% darker color. If you saturate the color by 10%, you get **85, 248, 99**, and if you desaturate by 10%, it is **135, 248, 145**.

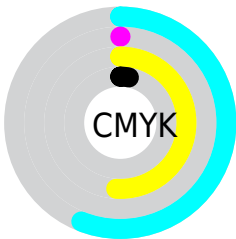
Distribution



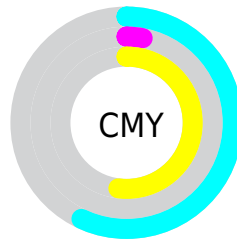
- Red (43%)
- Green (97%)
- Blue (48%)



- Red (43%)
- Yellow (93%)
- Blue (97%)



- Cyan (56%)
- Magenta (0%)
- Yellow (51%)
- Black (3%)



- Cyan (57%)
- Magenta (3%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 110, 248, 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 110, 248, 122 by changing the saturation by 10% instead.

 110, 248, 122

255, 255, 255

 171, 255, 177


 201, 255, 205


 232, 255, 234


 110, 248, 122

 77, 219, 96

 37, 190, 69

 0, 163, 43

 0, 135, 10

 0, 109, 0

 0, 83, 0

 0, 59, 0

 0, 35, 0

 0, 0, 0

■ 110, 248, 122

■ 110, 248, 122

■ 85, 248, 99

■ 135, 248, 145

■ 60, 248, 77

■ 160, 248, 167

■ 36, 248, 54

■ 184, 248, 190

■ 11, 248, 31

■ 209, 248, 213

■ 0, 248, 22

■ 234, 248, 235

■ 255, 248, 255

Harmonies

Analogous

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



206, 233, 65



110, 248, 122



0, 255, 197

Triad

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



110, 248, 122



0, 235, 255



255, 154, 169

Complementary

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



110, 248, 122



248, 110, 236

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, 152, 244



110, 248, 122



184, 209, 255

Square

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



110, 248, 122



0, 250, 255



255, 176, 255



255, 179, 102

Rectangle

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



110, 248, 122



0, 255, 249



255, 176, 255



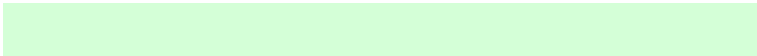
255, 150, 193

Sweetspot

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



110, 248, 122



212, 255, 215



237, 248, 110



102, 128, 104



0, 0, 0



128, 128, 128

Same Dimension

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



110, 248, 122



84, 255, 99



110, 248, 191



112, 125, 114



0, 189, 16



0, 61, 5

Inverse Universe

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



248, 110, 236



255, 84, 240



248, 110, 167



125, 112, 124



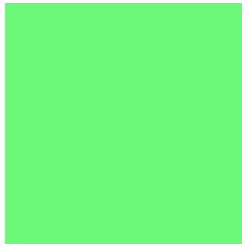
189, 0, 172



61, 0, 56

Previews

White Background



This preview shows how the RGB color 110, 248, 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 110, 248, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

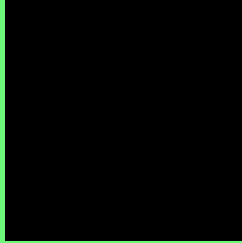
Any Text WCAG AA ✓ Pass

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 110, 248, 122 Background



This preview shows how black text looks on a background with the RGB color 110, 248, 122.

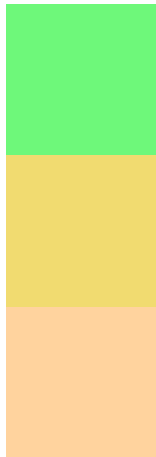


This preview shows how white text looks on a background with the RGB color 110, 248, 122.

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



Original Color
110, 248, 122

Protanopia
241, 219, 112

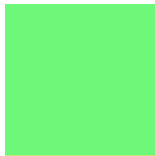
Deuteranopia
255, 211, 158



Tritanopia

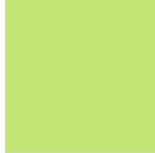
141, 234, 253

Trichromacy



Original Color

110, 248, 122



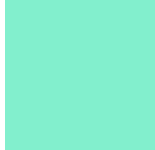
Protanomaly

193, 230, 116



Deuteranomaly

202, 224, 145



Tritanomaly

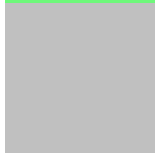
130, 239, 205

Monochromacy



Original Color

110, 248, 122



Achromatopsia

192, 192, 192



Achromatomaly

162, 212, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 248, 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(110, 248, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 248, 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(110, 248, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 248, 122) }
```

Border

The CSS property to change the border of an element to RGB 110, 248, 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(110, 248, 122) }
```

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

```
.border{ border-color:rgb(110, 248, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 248, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 248, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 248, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 248,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 110, 248, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 248, 122) }
```

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

```
.background{ background-color: rgb(110,  
248, 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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