

Converting Colors

RGB(126, 230, 112)

Have a look what the booklet for
RGB(126, 230, 112) contains.

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Color

RGB(126, 230, 112)

Conversions

Conversions Part 1

Format	Color
Hex	7EE670
RGB	126, 230, 112
RGB Percent	49%, 90%, 44%
CMY	0.5059, 0.0980, 0.5608
CMYK	0.45, 0.00, 0.51, 0.10
HSL	113°, 70%, 67%
HSV	113°, 51%, 90%
XYZ	39.8256, 62.1991, 25.2358
YIQ	185.4520, -24.1060, -58.7460

Conversions

Conversions Part 2

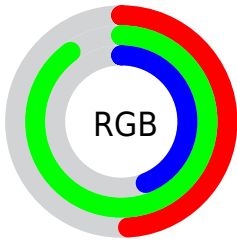
Format	Color
RYB	112, 230, 216
Decimal	8316528
CIELab	83.02, -52.66, 47.87
CIElCh	83, 71.165, 137.726
Yxy	62.1991, 0.3129, 0.4888
Android (android.graphics.Color)	4286506608 (0xFF7EE670)
YUV	185.4520, -36.2118, -52.1394
Hunter-Lab	78.8664, -47.8780, 36.2347

Details

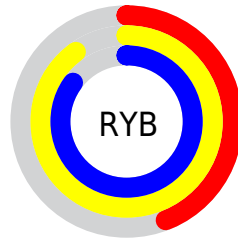
The RGB color **126, 230, 112** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **216, 112, 230**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **184, 255, 166**, and **67, 174, 60** is the 20% darker color. If you saturate the color by 10%, you get **106, 230, 89**, and if you desaturate by 10%, it is **146, 230, 135**.

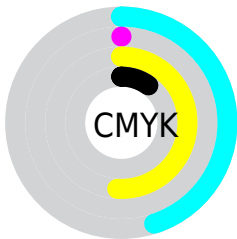
Distribution



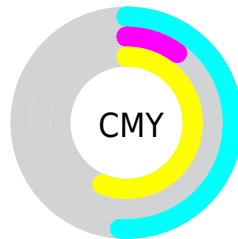
- Red (49%)
- Green (90%)
- Blue (44%)



- Red (44%)
- Yellow (90%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (51%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 230, 112 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 126, 230, 112 by changing the saturation by 10% instead.

 126, 230, 112

255, 255, 255

 184, 255, 166


 213, 255, 194


 243, 255, 222


 255, 255, 251

 126, 230, 112

 97, 201, 86

 67, 174, 60

 31, 146, 33

 0, 120, 0

 0, 94, 0

 0, 69, 0


 0, 47, 0

 0, 18, 0

 0, 0, 0

 126, 230, 112

 126, 230, 112

 106, 230, 89

 146, 230, 135

 85, 230, 66

 167, 230, 158

 65, 230, 43

 187, 230, 181

 45, 230, 20

 207, 230, 204

 27, 230, 0

 227, 230, 227

 248, 230, 250

 255, 230, 255

Harmonies

Analogous

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



205, 215, 68



126, 230, 112



0, 238, 176

Triad

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



126, 230, 112



0, 222, 255



255, 148, 170

Complementary

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



126, 230, 112



216, 112, 230

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, 149, 237



126, 230, 112



159, 200, 255

Square

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



126, 230, 112



0, 235, 255



255, 172, 255



255, 167, 110

Rectangle

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



126, 230, 112



0, 239, 223



255, 172, 255



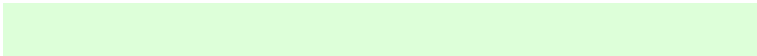
255, 145, 192

Sweetspot

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



126, 230, 112



221, 255, 217



230, 214, 112



107, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



126, 230, 112



116, 255, 97



112, 230, 155



105, 115, 103



21, 179, 0



6, 51, 0

Inverse Universe

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



216, 112, 230



236, 97, 255



230, 112, 187



113, 103, 115



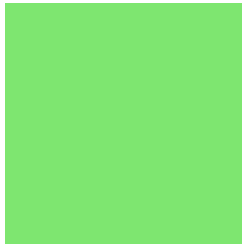
157, 0, 179



45, 0, 51

Previews

White Background



This preview shows how the RGB color 126, 230, 112 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 126, 230, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

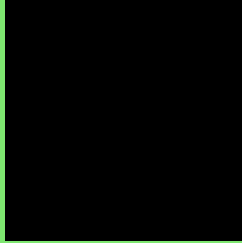
Any Text WCAG AA ✓ Pass

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 126, 230, 112 Background



This preview shows how black text looks on a background with the RGB color 126, 230, 112.

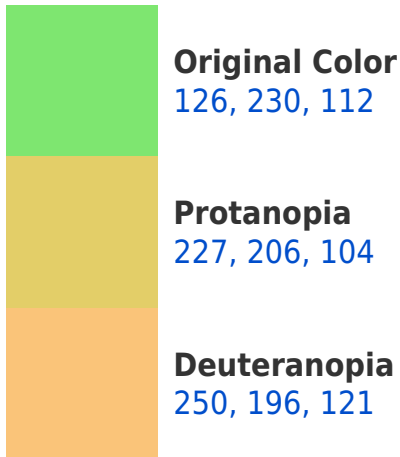


This preview shows how white text looks on a background with the RGB color 126, 230, 112.

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





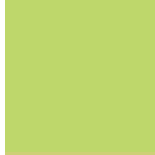
Tritanopia
150, 217, 234

Trichromacy



Original Color

126, 230, 112



Protanomaly

190, 215, 107



Deuteranomaly

205, 208, 118



Tritanomaly

141, 222, 190

Monochromacy



Original Color

126, 230, 112



Achromatopsia

185, 185, 185



Achromatomaly

164, 201, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 230, 112 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(126, 230, 112)` looks like.

```
.text, #text, p{  
    color:rgb(126, 230, 112)  
}
```

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(126, 230, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 230, 112) }
```

Border

The CSS property to change the border of an element to RGB 126, 230, 112 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(126, 230, 112) }
```

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

```
.border{ border-color:rgb(126, 230, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 230, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 230, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 230, 112); box-shadow:4px 4px 4px 4px rgb(126, 230, 112) }
```

Background

The CSS property to change the background color of an element to RGB 126, 230, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 230, 112) }
```

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

```
.background{ background-color: rgb(126,  
230, 112) }
```

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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