

Converting Colors

RGB(113, 227, 113)

Have a look what the booklet for
RGB(113, 227, 113) contains.

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Color

RGB(113, 227, 113)

Conversions

Conversions Part 1

Format	Color
Hex	71E371
RGB	113, 227, 113
RGB Percent	44%, 89%, 44%
CMY	0.5569, 0.1098, 0.5569
CMYK	0.50, 0.00, 0.50, 0.11
HSL	120°, 67%, 67%
HSV	120°, 50%, 89%
XYZ	37.2598, 59.6411, 25.1709
YIQ	179.9180, -31.3500, -59.6220

Conversions

Conversions Part 2

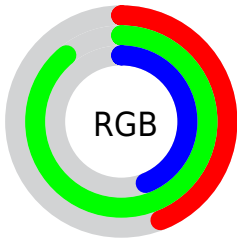
Format	Color
RYB	113, 227, 227
Decimal	7463793
CIELab	81.64, -54.94, 45.60
CIELCh	82, 71.400, 140.305
Yxy	59.6411, 0.3052, 0.4886
Android (android.graphics.Color)	4285653873 (0xFF71E371)
YUV	179.9180, -32.9906, -58.6871
Hunter-Lab	77.2277, -49.0281, 34.7349

Details

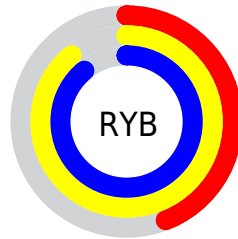
The RGB color **113, 227, 113** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **227, 113, 227**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **172, 255, 167**, and **50, 171, 61** is the 20% darker color. If you saturate the color by 10%, you get **90, 227, 90**, and if you desaturate by 10%, it is **136, 227, 136**.

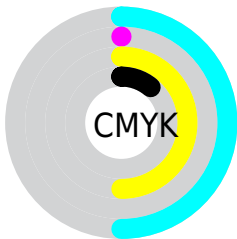
Distribution



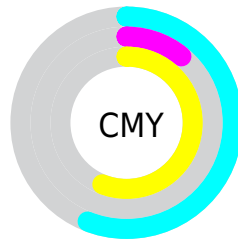
- Red (44%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 227, 113 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 113, 227, 113 by changing the saturation by 10% instead.

 113, 227, 113

255, 255, 255


 172, 255, 167


 201, 255, 195

 231, 255, 223

255, 255, 252

 113, 227, 113

 83, 198, 87

 50, 171, 61

 0, 143, 35

 0, 117, 1

 0, 91, 0

 0, 66, 0

 0, 44, 0

 0, 11, 0

 0, 0, 0

 113, 227, 113

 113, 227, 113

 90, 227, 90

 136, 227, 136

 68, 227, 68

 158, 227, 158

 45, 227, 45

 181, 227, 181

 22, 227, 22

 204, 227, 204

 0, 227, 0

 227, 227, 227

 249, 227, 249

 255, 227, 255

Harmonies

Analogous

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



195, 213, 66



113, 227, 113



0, 234, 178

Triad

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



113, 227, 113



0, 217, 255



255, 144, 160

Complementary

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



113, 227, 113



227, 113, 227

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, 144, 228



113, 227, 113



166, 194, 255

Square

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



113, 227, 113



0, 230, 255



255, 166, 255



255, 166, 101

Rectangle

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



113, 227, 113



0, 235, 225



255, 166, 255



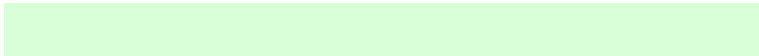
255, 141, 182

Sweetspot

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



113, 227, 113



217, 255, 217



227, 227, 113



105, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



113, 227, 113



102, 255, 102



113, 227, 170



103, 115, 103



0, 179, 0



0, 51, 0

Inverse Universe

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



227, 113, 227



255, 102, 255



227, 113, 170



115, 103, 115



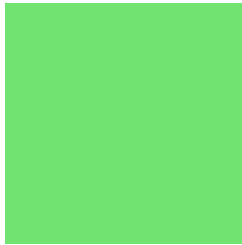
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 113, 227, 113 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 113, 227, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

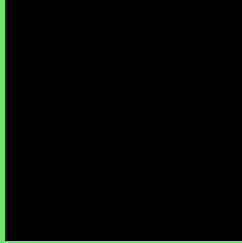
Any Text WCAG AA ✓ Pass

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 113, 227, 113 Background



This preview shows how black text looks on a background with the RGB color 113, 227, 113.

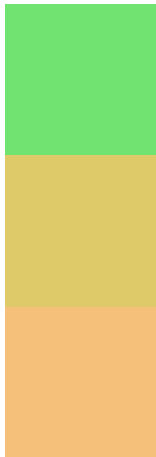


This preview shows how white text looks on a background with the RGB color 113, 227, 113.

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
113, 227, 113

Protanopia
222, 202, 104

Deuteranopia
244, 192, 122



Tritanopia
138, 214, 231

Trichromacy



Original Color

113, 227, 113



Protanomaly

182, 211, 107



Deuteranomaly

196, 205, 119



Tritanomaly

129, 219, 188

Monochromacy



Original Color

113, 227, 113



Achromatopsia

180, 180, 180



Achromatomaly

156, 197, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 227, 113 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(113, 227, 113)` looks like.

```
.text, #text, p{  
    color:rgb(113, 227, 113)  
}
```

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(113, 227, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 227, 113) }
```

Border

The CSS property to change the border of an element to RGB 113, 227, 113 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(113, 227, 113) }
```

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

```
.border{ border-color:rgb(113, 227, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 227, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 227, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 227, 113);  
box-shadow:4px 4px 4px 4px rgb(113, 227,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 113, 227, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 227, 113) }
```

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

```
.background{ background-color: rgb(113,  
227, 113) }
```

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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