

Converting Colors

RGB(112, 252, 100)

Have a look what the booklet for
RGB(112, 252, 100) contains.

RGB(112, 252, 100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(112, 252, 100)

Conversions

Conversions Part 1

Format	Color
Hex	70FC64
RGB	112, 252, 100
RGB Percent	44%, 99%, 39%
CMY	0.5608, 0.0118, 0.6078
CMYK	0.56, 0.00, 0.60, 0.01
HSL	115°, 96%, 69%
HSV	115°, 60%, 99%
XYZ	43.7927, 73.9857, 24.0291
YIQ	192.8120, -34.6480, -76.9520

Conversions

Conversions Part 2

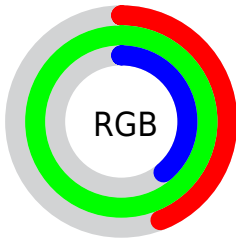
Format	Color
RYB	100, 252, 240
Decimal	7404644
CIELab	88.92, -66.04, 60.03
CIELCh	89, 89.245, 137.731
Yxy	73.9857, 0.3088, 0.5217
Android (android.graphics.Color)	4285594724 (0xFF70FC64)
YUV	192.8120, -45.7563, -70.8721
Hunter-Lab	86.0149, -59.6464, 43.6472

Details

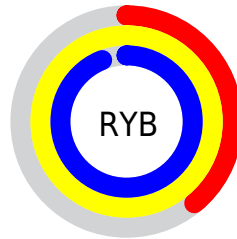
The RGB color **112, 252, 100** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **240, 100, 252**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **174, 255, 155**, and **37, 194, 43** is the 20% darker color. If you saturate the color by 10%, you get **89, 252, 75**, and if you desaturate by 10%, it is **135, 252, 125**.

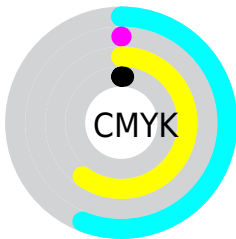
Distribution



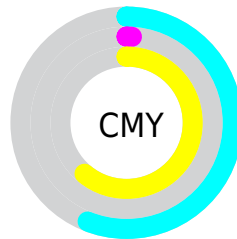
- Red (44%)
- Green (99%)
- Blue (39%)



- Red (39%)
- Yellow (99%)
- Blue (94%)



- Cyan (56%)
- Magenta (0%)
- Yellow (60%)
- Black (1%)



- Cyan (56%)
- Magenta (1%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 252, 100 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 112, 252, 100 by changing the saturation by 10% instead.

 112, 252, 100

255, 255, 255

 174, 255, 155

 205, 255, 184


 235, 255, 212


 255, 255, 241


 112, 252, 100

 79, 223, 72

 37, 194, 43

 0, 166, 0

 0, 139, 0

 0, 112, 0

 0, 86, 0

 0, 62, 0

 0, 37, 0

 0, 0, 0

 112, 252, 100

 112, 252, 100

 89, 252, 75

 135, 252, 125

 66, 252, 50

 158, 252, 150

 42, 252, 24

 182, 252, 176

 20, 252, 0

 205, 252, 201

 228, 252, 226

 251, 252, 251

 255, 252, 255

Harmonies

Analogous

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



217, 235, 23



112, 252, 100



0, 255, 184

Triad

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



112, 252, 100



0, 243, 255



255, 141, 177

Complementary

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



112, 252, 100



240, 100, 252

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, 143, 255



112, 252, 100



149, 215, 255

Square

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



112, 252, 100



0, 255, 255



255, 177, 255



255, 171, 99

Rectangle

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



112, 252, 100



0, 255, 244



255, 177, 255



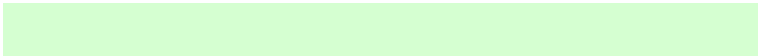
255, 137, 205

Sweetspot

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



112, 252, 100



213, 255, 209



252, 239, 100



102, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



112, 252, 100



86, 255, 71



100, 252, 163



113, 125, 112



15, 189, 0



5, 61, 0

Inverse Universe

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



240, 100, 252



241, 71, 255



252, 100, 189



124, 112, 125



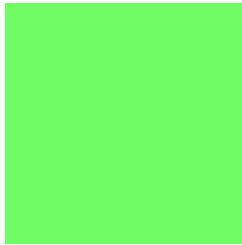
174, 0, 189



56, 0, 61

Previews

White Background



This preview shows how the RGB color 112, 252, 100 looks on a white background.

Color Contrast Check

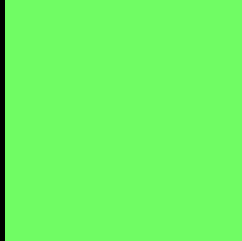
Large Text (above 18pt) WCAG AA × Fail

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 112, 252, 100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

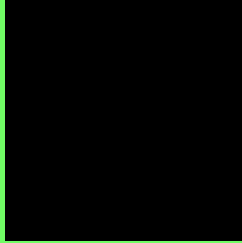
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

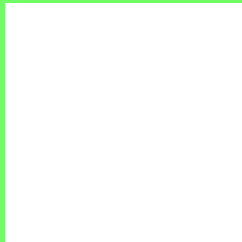
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 112, 252, 100 Background



This preview shows how black text looks on a background with the RGB color 112, 252, 100.

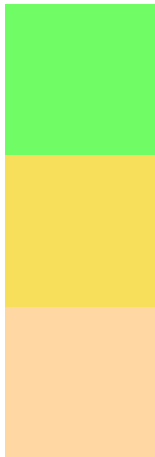


This preview shows how white text looks on a background with the RGB color 112, 252, 100.

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
112, 252, 100

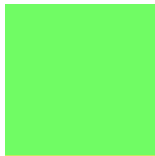
Protanopia
247, 222, 91

Deuteranopia
255, 215, 163



Tritanopia
147, 236, 255

Trichromacy



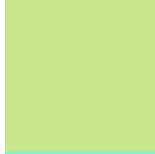
Original Color

112, 252, 100



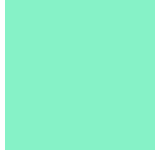
Protanomaly

198, 233, 94



Deuteranomaly

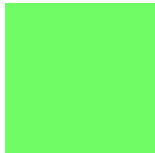
203, 228, 140



Tritanomaly

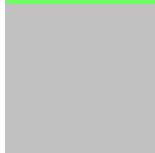
134, 242, 199

Monochromacy



Original Color

112, 252, 100



Achromatopsia

193, 193, 193



Achromatomaly

164, 214, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 252, 100 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(112, 252, 100)` looks like.

```
.text, #text, p{  
    color:rgb(112, 252, 100)  
}
```

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(112, 252, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 252, 100) }
```

Border

The CSS property to change the border of an element to RGB 112, 252, 100 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(112, 252, 100) }
```

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

```
.border{ border-color:rgb(112, 252, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 252, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 252, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 252, 100);  
box-shadow:4px 4px 4px 4px rgb(112, 252,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 112, 252, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 252, 100) }
```

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

```
.background{ background-color: rgb(112,  
252, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor