

Converting Colors

RGB(140, 255, 102)

Have a look what the booklet for
RGB(140, 255, 102) contains.

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Color

RGB(140, 255, 102)

Conversions

Conversions Part 1

Format	Color
Hex	8CFF66
RGB	140, 255, 102
RGB Percent	55%, 100%, 40%
CMY	0.4510, 0.0000, 0.6000
CMYK	0.45, 0.00, 0.60, 0.00
HSL	105°, 100%, 70%
HSV	105°, 60%, 100%
XYZ	48.9735, 78.0548, 25.0553
YIQ	203.1730, -19.4270, -71.9630

Conversions

Conversions Part 2

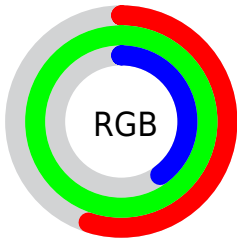
Format	Color
RYB	102, 255, 217
Decimal	9240422
CIELab	90.80, -59.52, 61.59
CIElCh	91, 85.649, 134.022
Yxy	78.0548, 0.3220, 0.5132
Android (android.graphics.Color)	4287430502 (0xFF8CFF66)
YUV	203.1730, -49.8783, -55.4027
Hunter-Lab	88.3486, -55.6638, 45.0296

Details

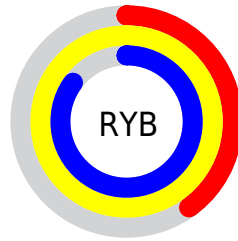
The RGB color **140, 255, 102** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **217, 102, 255**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **200, 255, 158**, and **78, 197, 45** is the 20% darker color. If you saturate the color by 10%, you get **121, 255, 77**, and if you desaturate by 10%, it is **159, 255, 128**.

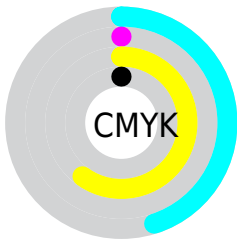
Distribution



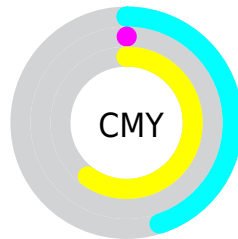
- Red (55%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 255, 102 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 140, 255, 102 by changing the saturation by 10% instead.

 140, 255, 102

255, 255, 255

 200, 255, 158

 230, 255, 186

 255, 255, 215


 255, 255, 244

 140, 255, 102

 110, 226, 74

 78, 197, 45

 42, 169, 1

 0, 142, 0

 0, 116, 0

 0, 90, 0

 0, 65, 0

 0, 42, 0

 0, 6, 0

■ 140, 255, 102

■ 140, 255, 102

■ 121, 255, 77

■ 159, 255, 128

■ 102, 255, 51

■ 178, 255, 153

■ 82, 255, 25

■ 198, 255, 179

■ 63, 255, 0

■ 217, 255, 204

■ 236, 255, 230

255, 255, 255

Harmonies

Analogous

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



234, 237, 44



140, 255, 102



0, 255, 180

Triad

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



140, 255, 102



0, 250, 255



255, 150, 193

Complementary

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



140, 255, 102



217, 102, 255

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, 157, 255



140, 255, 102



137, 225, 255

Square

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



140, 255, 102



0, 255, 255



255, 190, 255



255, 175, 117

Rectangle

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



140, 255, 102



0, 255, 238



255, 190, 255



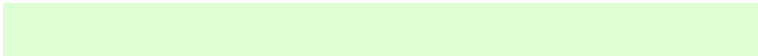
255, 148, 221

Sweetspot

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



140, 255, 102



221, 255, 209



255, 217, 102



106, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



140, 255, 102



117, 255, 71



102, 255, 140



118, 128, 115



48, 191, 0



16, 64, 0

Inverse Universe

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



217, 102, 255



209, 71, 255



255, 102, 217



124, 115, 128



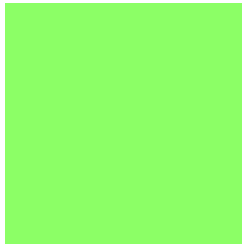
144, 0, 191



48, 0, 64

Previews

White Background



This preview shows how the RGB color 140, 255, 102 looks on a white background.

Color Contrast Check

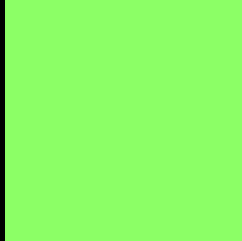
Large Text (above 18pt) WCAG AA × Fail

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 140, 255, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

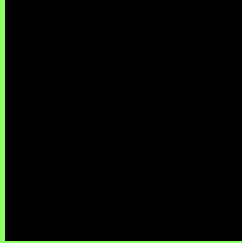
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

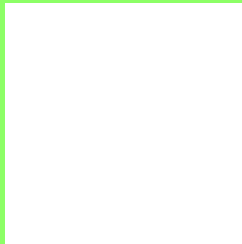
Any Text WCAG AAA ✓ Pass

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

RGB 140, 255, 102 Background



This preview shows how black text looks on a background with the RGB color 140, 255, 102.

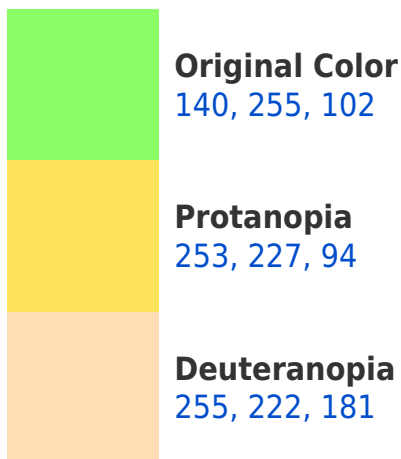


This preview shows how white text looks on a background with the RGB color 140, 255, 102.

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](#).

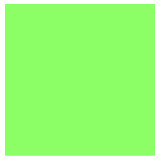
Dichromacy





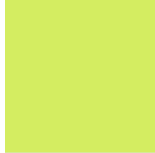
Tritanopia
176, 238, 255

Trichromacy



Original Color

140, 255, 102



Protanomaly

212, 237, 97



Deuteranomaly

213, 234, 152



Tritanomaly

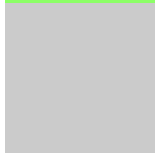
163, 244, 199

Monochromacy



Original Color

140, 255, 102



Achromatopsia

203, 203, 203



Achromatomaly

180, 222, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 255, 102 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(140, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 102)  
}
```

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(140, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 102) }
```

Border

The CSS property to change the border of an element to RGB 140, 255, 102 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(140, 255, 102) }
```

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

```
.border{ border-color:rgb(140, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 140, 255, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 102) }
```

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

```
.background{ background-color: rgb(140,  
255, 102) }
```

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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