

Converting Colors

RGB(101, 226, 101)

Have a look what the booklet for
RGB(101, 226, 101) contains.

RGB(101, 226, 101)	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(101, 226, 101)

Conversions

Conversions Part 1

Format	Color
Hex	65E265
RGB	101, 226, 101
RGB Percent	40%, 89%, 40%
CMY	0.6039, 0.1137, 0.6039
CMYK	0.55, 0.00, 0.55, 0.11
HSL	120°, 68%, 64%
HSV	120°, 55%, 89%
XYZ	34.9121, 58.0990, 21.6861
YIQ	174.3750, -34.3750, -65.3750

Conversions

Conversions Part 2

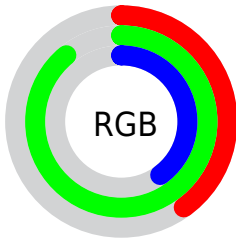
Format	Color
RYB	101, 226, 226
Decimal	6677093
CIELab	80.79, -59.13, 50.09
CIElCh	81, 77.495, 139.734
Yxy	58.0990, 0.3044, 0.5065
Android (android.graphics.Color)	4284867173 (0xFF65E265)
YUV	174.3750, -36.1739, -64.3499
Hunter-Lab	76.2227, -51.6317, 36.4873

Details

The RGB color **101, 226, 101** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **226, 101, 226**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **161, 255, 155**, and **28, 169, 48** is the 20% darker color. If you saturate the color by 10%, you get **78, 226, 78**, and if you desaturate by 10%, it is **124, 226, 124**.

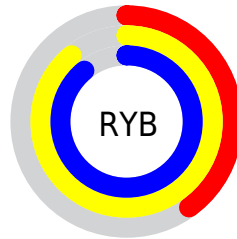
Distribution



Red (40%)

Green (89%)

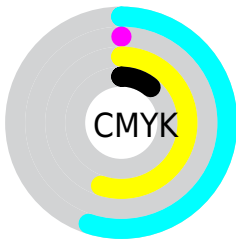
Blue (40%)



Red (40%)

Yellow (89%)

Blue (89%)

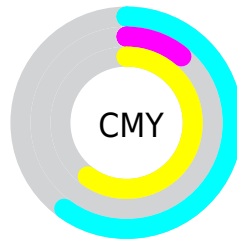


Cyan (55%)

Magenta (0%)

Yellow (55%)

Black (11%)



Cyan (60%)


Magenta (11%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 226, 101 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 101, 226, 101 by changing the saturation by 10% instead.

 101, 226, 101

255, 255, 255


 161, 255, 155

 191, 255, 183


 221, 255, 211


 251, 255, 240

 101, 226, 101

 69, 197, 75

 28, 169, 48

 0, 142, 17

 0, 116, 0

 0, 90, 0


 0, 65, 0

 0, 42, 0

 0, 5, 0

 0, 0, 0

 101, 226, 101

 101, 226, 101

 78, 226, 78

 124, 226, 124


 56, 226, 56

 146, 226, 146

 33, 226, 33

 169, 226, 169

 11, 226, 11

 191, 226, 191

 0, 226, 0

 214, 226, 214

 237, 226, 237

 255, 226, 255

Harmonies

Analogous

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



192, 211, 45



101, 226, 101



0, 233, 172

Triad

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



101, 226, 101



0, 216, 255



255, 134, 156

Complementary

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



101, 226, 101



226, 101, 226

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, 134, 229



101, 226, 101



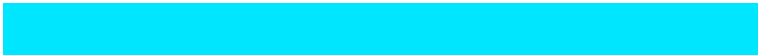
153, 192, 255

Square

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



101, 226, 101



0, 230, 255



255, 160, 255



255, 159, 91

Rectangle

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



101, 226, 101



0, 235, 223



255, 160, 255



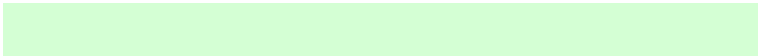
255, 130, 180

Sweetspot

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



101, 226, 101



212, 255, 212



226, 226, 101



102, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



101, 226, 101



87, 255, 87



101, 226, 163



101, 112, 101



0, 176, 0



0, 48, 0

Inverse Universe

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



226, 101, 226



255, 87, 255



226, 101, 163



112, 101, 112



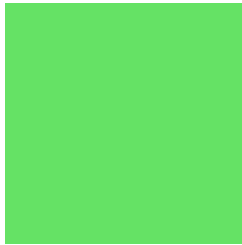
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RGB color 101, 226, 101 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 101, 226, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

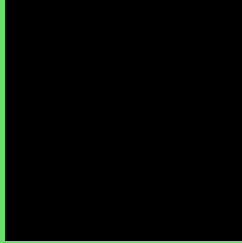
Any Text WCAG AA ✓ Pass

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 101, 226, 101 Background



This preview shows how black text looks on a background with the RGB color 101, 226, 101.

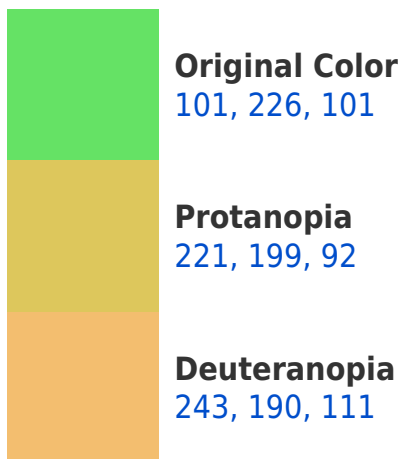


This preview shows how white text looks on a background with the RGB color 101, 226, 101.

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
130, 212, 230

Trichromacy



Original Color

101, 226, 101



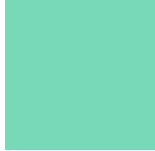
Protanomaly

177, 209, 95



Deuteranomaly

191, 203, 107



Tritanomaly

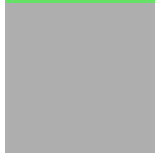
119, 217, 183

Monochromacy



Original Color

101, 226, 101



Achromatopsia

174, 174, 174



Achromatomaly

147, 193, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 226, 101 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(101, 226, 101)` looks like.

```
.text, #text, p{  
    color:rgb(101, 226, 101)  
}
```

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(101, 226, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 226, 101) }
```

Border

The CSS property to change the border of an element to RGB 101, 226, 101 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(101, 226, 101) }
```

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

```
.border{ border-color:rgb(101, 226, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 226, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 226, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 226, 101); box-shadow:4px 4px 4px 4px rgb(101, 226, 101) }
```

Background

The CSS property to change the background color of an element to RGB 101, 226, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 226, 101) }
```

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

```
.background{ background-color: rgb(101,  
226, 101) }
```

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