

Converting Colors

RGB(156, 223, 100)

Have a look what the booklet for
RGB(156, 223, 100) contains.

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Color

RGB(156, 223, 100)

Conversions

Conversions Part 1

Format	Color
Hex	9CDF64
RGB	156, 223, 100
RGB Percent	61%, 87%, 39%
CMY	0.3882, 0.1255, 0.6078
CMYK	0.30, 0.00, 0.55, 0.13
HSL	93°, 66%, 63%
HSV	93°, 55%, 87%
XYZ	42.3982, 60.7634, 21.5505
YIQ	188.9450, -0.4490, -52.4570

Conversions

Conversions Part 2

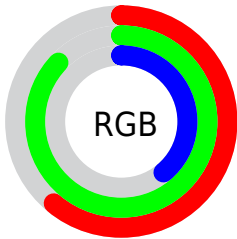
Format	Color
RYB	100, 223, 167
Decimal	10280804
CIELab	82.25, -41.46, 52.84
CIELCh	82, 67.167, 128.116
Yxy	60.7634, 0.3400, 0.4872
Android (android.graphics.Color)	4288470884 (0xFF9CDF64)
YUV	188.9450, -43.8499, -28.8928
Hunter-Lab	77.9509, -39.3261, 38.1742

Details

The RGB color **156, 223, 100** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **167, 100, 223**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **213, 255, 154**, and **100, 167, 47** is the 20% darker color. If you saturate the color by 10%, you get **144, 223, 78**, and if you desaturate by 10%, it is **168, 223, 122**.

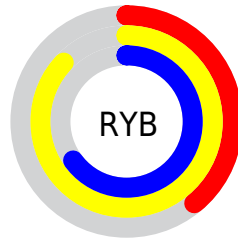
Distribution



Red (61%)

Green (87%)

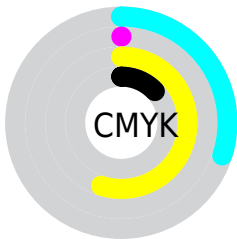
Blue (39%)



Red (39%)

Yellow (87%)

Blue (65%)

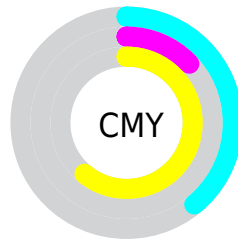


Cyan (30%)

Magenta (0%)

Yellow (55%)

Black (13%)



Cyan (39%)

Magenta (13%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 223, 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 156, 223, 100 by changing the saturation by 10% instead.

 156, 223, 100

255, 255, 255

 213, 255, 154


 243, 255, 182

 255, 255, 210

 255, 255, 239

 156, 223, 100

 128, 195, 74

 100, 167, 47

 73, 141, 14


 44, 115, 0

 7, 89, 0

 0, 65, 0

 0, 43, 0

 0, 15, 0

 0, 0, 0

■ 156, 223, 100

■ 156, 223, 100

■ 144, 223, 78

■ 168, 223, 122

■ 132, 223, 55

■ 180, 223, 145

■ 120, 223, 33

■ 192, 223, 167

■ 107, 223, 11

■ 205, 223, 189

■ 102, 223, 0

■ 217, 223, 211

■ 229, 223, 234

■ 241, 223, 255

■ 253, 223, 255

■ 255, 223, 255

Harmonies

Analogous

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



223, 207, 71



156, 223, 100



41, 232, 155

Triad

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



156, 223, 100



0, 224, 255



255, 148, 190

Complementary

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



156, 223, 100



167, 100, 223

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, 253



156, 223, 100



116, 206, 255

Square

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



156, 223, 100



0, 233, 255



231, 181, 255



255, 161, 130

Rectangle

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



156, 223, 100



0, 235, 198



231, 181, 255



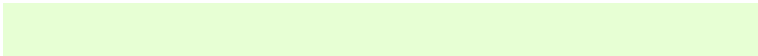
255, 148, 211

Sweetspot

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



156, 223, 100



231, 255, 212



223, 166, 100



114, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



156, 223, 100



163, 255, 87



100, 223, 104



106, 112, 101



80, 176, 0



22, 48, 0

Inverse Universe

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



167, 100, 223



178, 87, 255



223, 100, 219



107, 101, 112



96, 0, 176



26, 0, 48

Previews

White Background



This preview shows how the RGB color 156, 223, 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 156, 223, 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 156, 223, 100 Background



This preview shows how black text looks on a background with the RGB color 156, 223, 100.

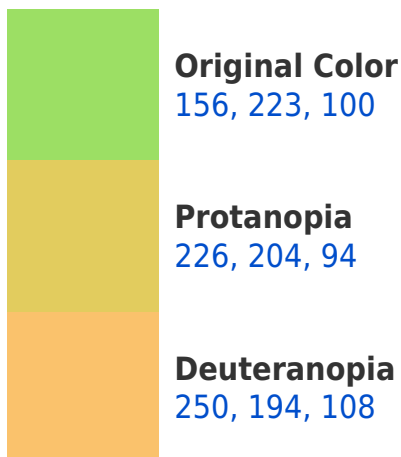


This preview shows how white text looks on a background with the RGB color 156, 223, 100.

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





Tritanopia
175, 210, 226

Trichromacy



Original Color

156, 223, 100



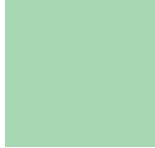
Protanomaly

201, 211, 96



Deuteranomaly

216, 205, 105



Tritanomaly

168, 215, 180

Monochromacy



Original Color

156, 223, 100



Achromatopsia

189, 189, 189



Achromatomaly

177, 201, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 223, 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(156, 223, 100)` looks like.

```
.text, #text, p{  
    color:rgb(156, 223, 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(156, 223, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 223, 100) }
```

Border

The CSS property to change the border of an element to RGB 156, 223, 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(156, 223, 100) }
```

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

```
.border{ border-color:rgb(156, 223, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 223, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 223, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 223, 100);  
box-shadow:4px 4px 4px 4px rgb(156, 223,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 156, 223, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 223, 100) }
```

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

```
.background{ background-color: rgb(156,  
223, 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](#).

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