Converting Colors

RGB(156, 246, 0)

Have a look what the booklet for RGB(156, 246, 0) contains.

Color

RGB(156, 246, 0)

Conversions

Conversions Part 1

Format	Color
Hex	9CF600
RGB	156, 246, 0
RGB Percent	61%, 96%, 0%
CMY	0.3882, 0.0353, 1.0000
CMYK	0.37, 0.00, 1.00, 0.04
HSL	82°, 100%, 48%
HSV	82°, 100%, 96%
XYZ	46.6661, 72.9795, 11.6269
YIQ	191.0460, 25.3260, -95.5860

Conversions

Conversions Part 2

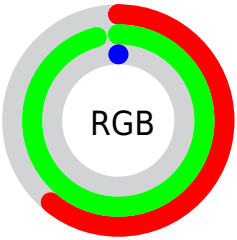
Format	Color
RYB	0, 246, 90
Decimal	10286592
CIELab	88.44, -55.71, 85.18
CIELCh	88, 101.783, 123.188
Yxy	72.9795, 0.3555, 0.5559
Android (android.graphics.Color)	4288476672 (0xFF9CF600)
YUV	191.0460, -94.1857, -30.7353
Hunter-Lab	85.4280, -51.9913, 51.7301

Details

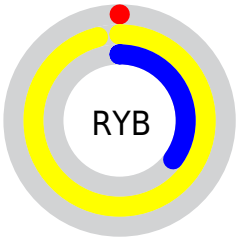
The RGB color 156, 246, 0 is a dark color, and the websafe version is hex 99FF00. The color can be described as middle saturated chartreuse. A complement of this color would be 90, 0, 246, and the grayscale version is 192, 192, 192.

A 20% lighter version of the original color is 217, 255, 92, and 95, 189, 0 is the 20% darker color. If you saturate the color by 10%, you get 156, 246, 0, and if you desaturate by 10%, it is 165, 246, 25.

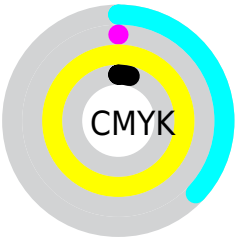
Distribution



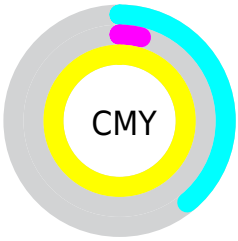
- Red (61%)
- Green (96%)
- Blue (0%)



- Red (0%)
- Yellow (96%)
- Blue (35%)



- Cyan (37%)
- Magenta (0%)
- Yellow (100%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 246, 0 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, 246, 0 by changing the saturation by 10% instead.

156, 246, 0

255, 255, 255

217, 255, 92

247, 255, 123

255, 255, 152

255, 255, 182

255, 255, 212

255, 255, 242

156, 246, 0

126, 217, 0

95, 189, 0

62, 161, 0

18, 135, 0

0, 109, 0

0, 83, 0

0, 59, 0

0, 36, 0

0, 0, 0

156, 246, 0

165, 246, 25

174, 246, 49

183, 246, 74

192, 246, 98

201, 246, 123

210, 246, 148

219, 246, 172

228, 246, 197

237, 246, 221

Harmonies

Analogous

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

255, 221, 0

156, 246, 0

0, 255, 129

Triad

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

156, 246, 0

0, 254, 255

255, 112, 216

Complementary

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

156, 246, 0

90, 0, 246

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, 141, 255

156, 246, 0

0, 231, 255

Square

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

156, 246, 0

0, 255, 255

231, 191, 255

255, 137, 121

Rectangle

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

156, 246, 0

0, 255, 196

231, 191, 255

255, 116, 248

Sweetspot

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

156, 246, 0

227, 255, 179

246, 86, 0

111, 128, 82

0, 0, 0

128, 128, 128

Same Dimension

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

156, 246, 0

162, 255, 0

37, 246, 0

118, 122, 110

118, 186, 0

37, 59, 0

Inverse Universe

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

90, 0, 246

93, 0, 255

209, 0, 246

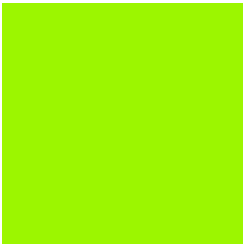
115, 110, 122

68, 0, 186

21, 0, 59

Previews

White Background

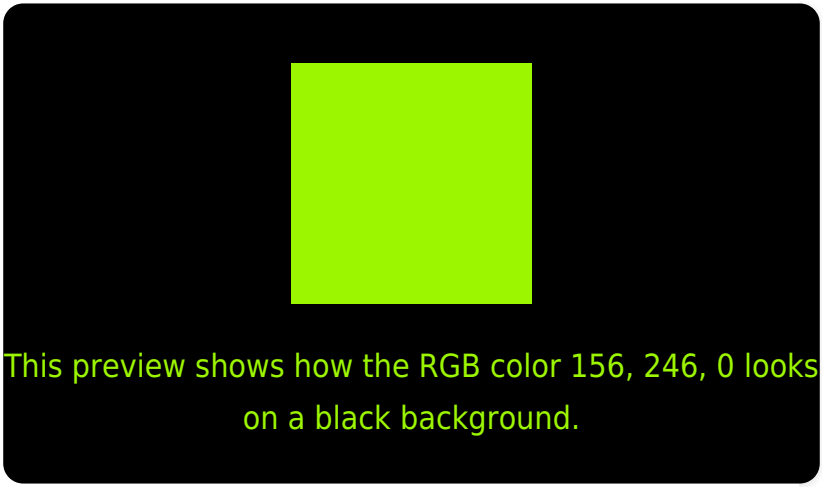


This preview shows how the RGB color 156, 246, 0 looks on a white background.

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



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, 246, 0 Background

This preview shows how black text looks on a background with the RGB color 156, 246, 0.

This preview shows how white text looks on a background with the RGB color 156, 246, 0.

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
156, 246, 0

Protanopia
249, 221, 0

Deuteranopia
255, 214, 154

Tritanopia
182, 229, 247

Trichromacy

Original Color
156, 246, 0

Protanomaly
215, 230, 0

Deuteranomaly
219, 226, 98

Tritanomaly
173, 235, 157

Monochromacy

Original Color
156, 246, 0

Achromatopsia
191, 191, 191

Achromatomaly
178, 211, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 246, 0 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, 246, 0) looks like.

```
.text, #text, p{
    color:rgb(156, 246, 0)
}
```

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, 246, 0) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(156, 246, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 246, 0) }
```

Border

The CSS property to change the border of an element to RGB 156, 246, 0 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, 246, 0) }
```

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

```
.border{ border-color:rgb(156, 246, 0) }
```

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

Here you see how a box with a 4 pixel rgb(156, 246, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 246, 0); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 246, 0); box-shadow:4px 4px 4px 4px rgb(156, 246, 0) }
```

Background

The CSS property to change the background color of an element to RGB 156, 246, 0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(156, 246, 0) }
```

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

```
.background{ background-color:rgb(156, 246, 0) }
```

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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