

Converting Colors

RGB(98, 226, 62)

Have a look what the booklet for
RGB(98, 226, 62) contains.

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Color

RGB(98, 226, 62)

Conversions

Conversions Part 1

Format	Color
Hex	62E23E
RGB	98, 226, 62
RGB Percent	38%, 89%, 24%
CMY	0.6157, 0.1137, 0.7569
CMYK	0.57, 0.00, 0.73, 0.11
HSL	107°, 74%, 56%
HSV	107°, 73%, 89%
XYZ	33.1029, 57.3372, 13.8799
YIQ	169.0320, -23.6440, -78.1400

Conversions

Conversions Part 2

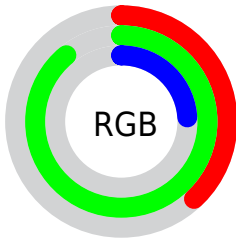
Format	Color
RYB	62, 226, 190
Decimal	6480446
CIELab	80.37, -63.60, 65.50
CIELCh	80, 91.293, 134.156
Yxy	57.3372, 0.3173, 0.5496
Android (android.graphics.Color)	4284670526 (0xFF62E23E)
YUV	169.0320, -52.7668, -62.2951
Hunter-Lab	75.7213, -54.4780, 42.1369

Details

The RGB color **98, 226, 62** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **190, 62, 226**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **160, 255, 119**, and **11, 169, 0** is the 20% darker color. If you saturate the color by 10%, you get **80, 226, 39**, and if you desaturate by 10%, it is **116, 226, 85**.

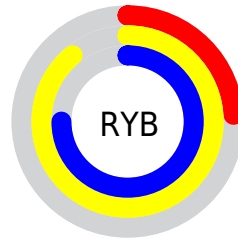
Distribution



Red (38%)

Green (89%)

Blue (24%)



Red (24%)

Yellow (89%)

Blue (75%)

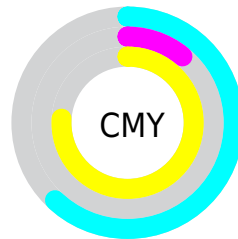


Cyan (57%)

Magenta (0%)

Yellow (73%)

Black (11%)



Cyan (62%)

















Magenta (11%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 226, 62 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 98, 226, 62 by changing the saturation by 10% instead.

 98, 226, 62	 98, 226, 62
255, 255, 255	 64, 197, 28
 160, 255, 119	 11, 169, 0
 190, 255, 147	 0, 142, 0
 221, 255, 176	 0, 115, 0
 251, 255, 204	 0, 90, 0
 255, 255, 234	 0, 65, 0
	 0, 41, 0
	 0, 3, 0
	 0, 0, 0

 98, 226, 62


 98, 226, 62

 80, 226, 39

 116, 226, 85

 63, 226, 17

 133, 226, 107


 50, 226, 0

 151, 226, 130

 169, 226, 152

 186, 226, 175

 204, 226, 198

 221, 226, 220

 239, 226, 243

 255, 226, 255

Harmonies

Analogous

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



201, 208, 0



98, 226, 62



0, 235, 150

Triad

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



98, 226, 62



0, 222, 255



255, 108, 163

Complementary

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



98, 226, 62



190, 62, 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, 116, 248



98, 226, 62



72, 196, 255

Square

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



98, 226, 62



0, 235, 255



253, 157, 255



255, 140, 82

Rectangle

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



98, 226, 62



0, 238, 209



253, 157, 255



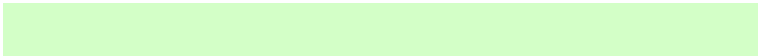
255, 105, 191

Sweetspot

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



98, 226, 62



211, 255, 199



226, 188, 62



102, 128, 94



0, 0, 0



128, 128, 128

Same Dimension

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



98, 226, 62



82, 255, 33



62, 226, 106



103, 112, 101



39, 176, 0



11, 48, 0

Inverse Universe

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



190, 62, 226



206, 33, 255



226, 62, 182



110, 101, 112



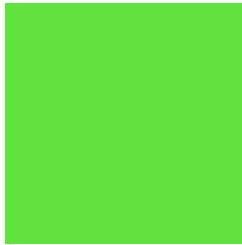
137, 0, 176



38, 0, 48

Previews

White Background



This preview shows how the RGB color 98, 226, 62 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 98, 226, 62 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

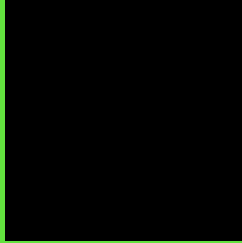
Any Text WCAG AA ✓ Pass

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 98, 226, 62 Background



This preview shows how black text looks on a background with the RGB color 98, 226, 62.

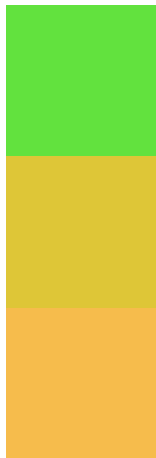


This preview shows how white text looks on a background with the RGB color 98, 226, 62.

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

98, 226, 62

Protanopia

222, 198, 55

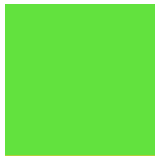
Deuteranopia

246, 188, 76



Tritanopia
131, 211, 228

Trichromacy



Original Color

98, 226, 62



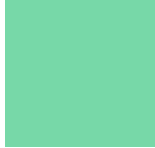
Protanomaly

177, 208, 58



Deuteranomaly

192, 202, 71



Tritanomaly

119, 216, 168

Monochromacy



Original Color

98, 226, 62



Achromatopsia

169, 169, 169



Achromatomaly

143, 190, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 226, 62 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(98, 226, 62)` looks like.

```
.text, #text, p{  
    color:rgb(98, 226, 62)  
}
```

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(98, 226, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 226, 62) }
```

Border

The CSS property to change the border of an element to RGB 98, 226, 62 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(98, 226, 62) }
```

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

```
.border{ border-color:rgb(98, 226, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 226, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 226, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 226, 62);  
box-shadow:4px 4px 4px 4px rgb(98, 226,  
62) }
```

Background

The CSS property to change the background color of an element to RGB 98, 226, 62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 226, 62) }
```

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

```
.background{ background-color: rgb(98, 226,  
62) }
```

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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