

Converting Colors

Hex(61EA67)

Have a look what the booklet for
Hex(61EA67) contains.

Hex(61EA67)	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

Hex(61EA67)

Conversions

Conversions Part 1

Format	Color
Hex	61EA67
RGB	97, 234, 103
RGB Percent	38%, 92%, 40%
CMY	0.6196, 0.0824, 0.5961
CMYK	0.59, 0.00, 0.56, 0.08
HSL	123°, 77%, 65%
HSV	123°, 59%, 92%
XYZ	36.8008, 62.3663, 22.9303
YIQ	178.1030, -39.6010, -69.7850

Conversions

Conversions Part 2

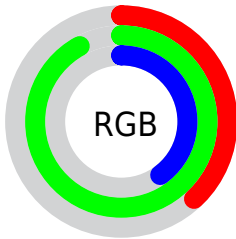
Format	Color
RYB	97, 228, 234
Decimal	6416999
CIELab	83.11, -62.76, 51.88
CIElCh	83, 81.432, 140.420
Yxy	62.3663, 0.3014, 0.5108
Android (android.graphics.Color)	4284607079 (0xFF61EA67)
YUV	178.1030, -37.0258, -71.1273
Hunter-Lab	78.9723, -55.0214, 38.0653

Details

The Hex color **61EA67** is a dark color, and the websafe version is hex **66FF66**. A complement of this color would be **EA61E4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9FFF9D**, and **07B131** is the 20% darker color. If you saturate the color by 10%, you get **4AEA51**, and if you desaturate by 10%, it is **78EA7D**.

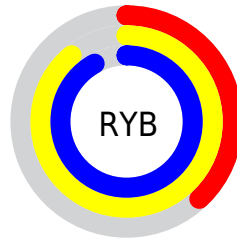
Distribution



Red (38%)

Green (92%)

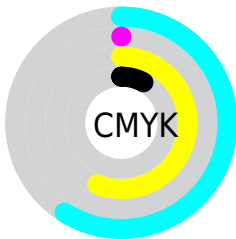
Blue (40%)



Red (38%)

Yellow (89%)

Blue (92%)

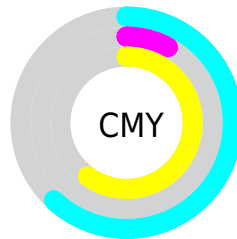


Cyan (59%)

Magenta (0%)

Yellow (56%)

Black (8%)



Cyan (62%)

Magenta (8%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61EA67 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 Hex color 61EA67 by changing the saturation by 10% instead.

 61EA67

 61EA67

FFFFFF

 3FCD4C

 9FFF9D

 07B131

 BDFFB9

 009512

 DBFFD6

 007B00

 FAFFF3

 006000

 004700

 003000

 001300

 000000

 61EA67

 61EA67

 4AEA51

 78EA7D

 32EA3A

 90EA94

 1BEA24

 A7EAAA

 03EA0D

 BFEAC1

 00EA0A

 D6EAD7

 EDEAED

 FFEAFF

Harmonies

Analogous

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



C3DB28



61EA67



00F2B3

Triad

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



61EA67



00DFFF



FF889E

Complementary

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



61EA67



EA61E4

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.



FF87EB



61EA67



9FC5FF

Square

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



61EA67



00EEFF



FFA3FF



FFA35A

Rectangle

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



61EA67



00F3E8



FFA3FF



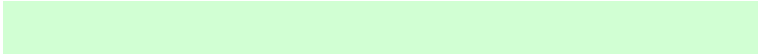
FF84B7

Sweetspot

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



61EA67



D1FFD3



E5EA61



638065



000000



808080

Same Dimension

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



61EA67



4DFF54



61EAAA



6A756A



00B508



003602

Inverse Universe

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



EA61E4



FF4DF7



EA61A1



756A75



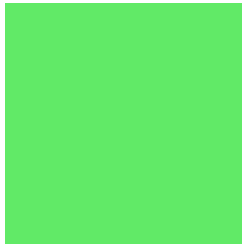
B500AD



360033

Previews

White Background



This preview shows how the Hex color 61EA67 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 Hex color 61EA67 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

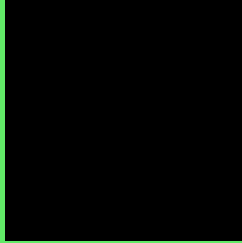
Any Text WCAG AA ✓ Pass

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](#).

Hex 61EA67 Background



This preview shows how black text looks on a background with the Hex color 61EA67.

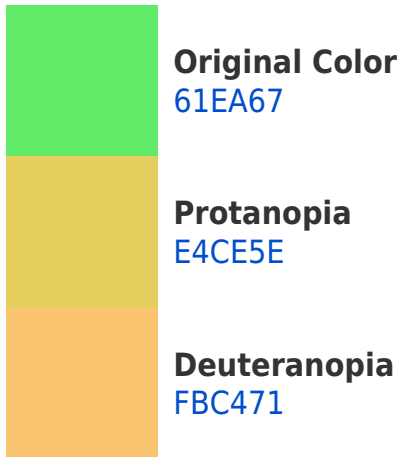


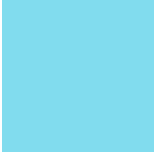
This preview shows how white text looks on a background with the Hex color 61EA67.

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](#).

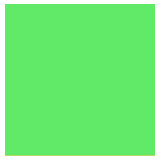
Dichromacy





Tritanopia
81DCEE

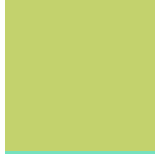
Trichromacy



Original Color
61EA67



Protanomaly
B4D861



Deuteranomaly
C3D26D



Tritanomaly
75E1BD

Monochromacy



Original Color
61EA67



Achromatopsia
B2B2B2



Achromatomaly
95C697

CSS Examples

Text

The CSS property to change the color of the text to Hex 61EA67 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 #61EA67 looks like.

```
.text, #text, p{  
    color:#61EA67  
}
```

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 #61EA67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61EA67
}
```

Border

The CSS property to change the border of an element to Hex 61EA67 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
#61EA67 }
```

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

```
.border{ border-color:#61EA67 }
```

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

Here you see how a box with a 4 pixel #61EA67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61EA67; -webkit-box-shadow:4px 4px  
4px 4px #61EA67; box-shadow:4px 4px 4px  
4px #61EA67 }
```

Background

The CSS property to change the background color of an element to Hex 61EA67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61EA67 }
```

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

```
.background{ background-color:#61EA67 }
```

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