

Converting Colors

Hex(61E366)

Have a look what the booklet for
Hex(61E366) contains.

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Color

Hex(61E366)

Conversions

Conversions Part 1

Format	Color
Hex	61E366
RGB	97, 227, 102
RGB Percent	38%, 89%, 40%
CMY	0.6196, 0.1098, 0.6000
CMYK	0.57, 0.00, 0.55, 0.11
HSL	122°, 70%, 64%
HSV	122°, 57%, 89%
XYZ	34.7971, 58.4389, 22.0162
YIQ	173.8800, -37.3550, -66.4350

Conversions

Conversions Part 2

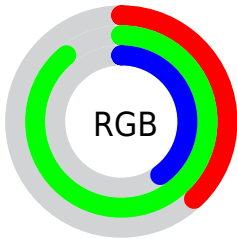
Format	Color
RYB	97, 222, 227
Decimal	6415206
CIELab	80.98, -60.34, 49.82
CIELCh	81, 78.249, 140.453
Yxy	58.4389, 0.3019, 0.5071
Android (android.graphics.Color)	4284605286 (0xFF61E366)
YUV	173.8800, -35.4368, -67.4238
Hunter-Lab	76.4453, -52.5279, 36.4362

Details

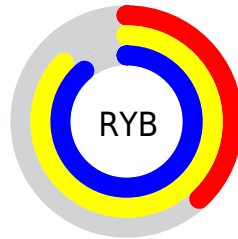
The Hex color **61E366** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **E361DE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9EFF9C**, and **10AA31** is the 20% darker color. If you saturate the color by 10%, you get **4AE350**, and if you desaturate by 10%, it is **78E37C**.

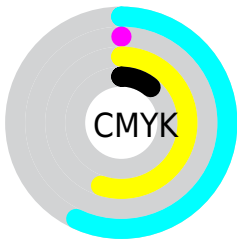
Distribution



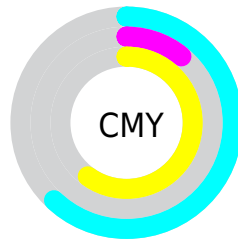
- Red (38%)
- Green (89%)
- Blue (40%)



- Red (38%)
- Yellow (87%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (55%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E366 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 61E366 by changing the saturation by 10% instead.

 61E366

 61E366


FFFFFF

 40C64C

 9EFF9C

 10AA31

 BCFFB8

 008F13

 DAFFD4

 007400

 F8FFF1

 005B00

 004100

 002A00

 000700

 000000

 61E366

 61E366

 4AE350

 78E37C

 34E33A

 8EE392

 1DE325

 A5E3A7

 06E30F

 BCE3BD

 00E309

 D3E3D3

 E9E3E9

 FFE3FF

Harmonies

Analogous

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



BED42C



61E366



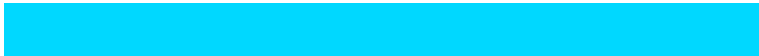
00EAAE

Triad

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



61E366



00D8FF



FF869A

Complementary

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



61E366



E361DE

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.



FF85E4



61E366



9CBFFF

Square

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



61E366



00E6FF



FF9FFF



FF9F59

Rectangle

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



61E366



00ECE1



FF9FFF



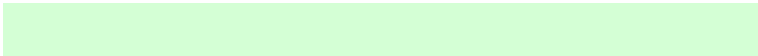
FF82B2

Sweetspot

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



61E366



D4FFD5



DFE361



668067



000000



808080

Same Dimension

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



61E366



4FFF56



61E3A6



677368



00B307



003302

Inverse Universe

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



E361DE



FF4FF8



E3619E



736772



B300AC



330031

Previews

White Background



This preview shows how the Hex color 61E366 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

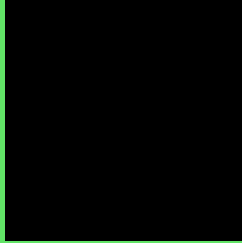
Any Text WCAG AA ✓ Pass

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](#).

Hex 61E366 Background



This preview shows how black text looks on a background with the Hex color 61E366.

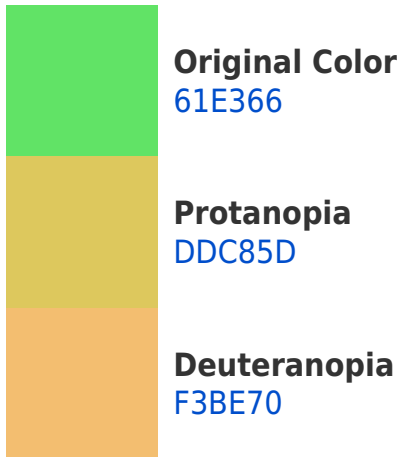


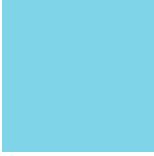
This preview shows how white text looks on a background with the Hex color 61E366.

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
7FD5E7

Trichromacy



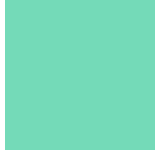
Original Color
61E366



Protanomaly
B0D260



Deuteranomaly
BECB6C



Tritanomaly
74DAB8

Monochromacy



Original Color
61E366



Achromatopsia
AEAEAE



Achromatomaly
92C194

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E366 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 #61E366 looks like.

```
.text, #text, p{  
    color:#61E366  
}
```

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 #61E366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E366
}
```

Border

The CSS property to change the border of an element to Hex 61E366 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
#61E366 }
```

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

```
.border{ border-color:#61E366 }
```

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

Here you see how a box with a 4 pixel #61E366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E366; -webkit-box-shadow:4px 4px  
4px 4px #61E366; box-shadow:4px 4px 4px  
4px #61E366 }
```

Background

The CSS property to change the background color of an element to Hex 61E366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E366 }
```

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

```
.background{ background-color:#61E366 }
```

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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