

Converting Colors

Hex(61ED66)

Have a look what the booklet for
Hex(61ED66) contains.

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Color

Hex(61ED66)

Conversions

Conversions Part 1

Format	Color
Hex	61ED66
RGB	97, 237, 102
RGB Percent	38%, 93%, 40%
CMY	0.6196, 0.0706, 0.6000
CMYK	0.59, 0.00, 0.57, 0.07
HSL	122°, 80%, 65%
HSV	122°, 59%, 93%
XYZ	37.6122, 64.0691, 22.9546
YIQ	179.7500, -40.1050, -71.6650

Conversions

Conversions Part 2

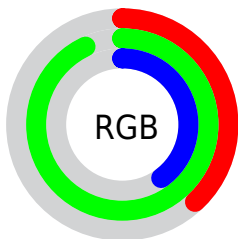
Format	Color
RYB	97, 232, 237
Decimal	6417766
CIELab	84.00, -63.96, 53.38
CIELCh	84, 83.309, 140.149
Yxy	64.0691, 0.3018, 0.5141
Android (android.graphics.Color)	4284607846 (0xFF61ED66)
YUV	179.7500, -38.3308, -72.5717
Hunter-Lab	80.0432, -56.1985, 39.0272

Details

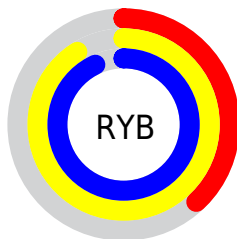
The Hex color **61ED66** is a dark color, and the websafe version is hex **66FF66**. A complement of this color would be **ED61E8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9FFF9C**, and **02B430** is the 20% darker color. If you saturate the color by 10%, you get **49ED4F**, and if you desaturate by 10%, it is **79ED7D**.

Distribution



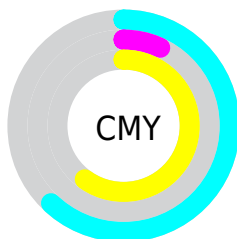
- Red (38%)
- Green (93%)
- Blue (40%)



- Red (38%)
- Yellow (91%)
- Blue (93%)



- Cyan (59%)
- Magenta (0%)
- Yellow (57%)
- Black (7%)



- Cyan (62%)
- Magenta (7%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61ED66 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 61ED66 by changing the saturation by 10% instead.

 61ED66

 61ED66

FFFFFF

 3ED04B

 9FFF9C

 02B430

 BEFFB8

 00980F

 DCFFD5

 007D00

 FBFFF2

 006300

 004900

 003200

 001700

 000000

 61ED66

 61ED66

 49ED4F

 79ED7D

 32ED38

 90ED94

 1AED21

 A8EDAB

 02ED0B

 C0EDC1

 00ED08

 D7EDD8

 EFEDEF

 FFEDEF

Harmonies

Analogous

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



C6DD23



61ED66



00F5B4

Triad

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



61ED66



00E2FF



FF88A0

Complementary

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



61ED66



ED61E8

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.



FF87EF



61ED66



9EC8FF

Square

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



61ED66



00F1FF



FFA4FF



FFA459

Rectangle

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



61ED66



00F6EB



FFA4FF



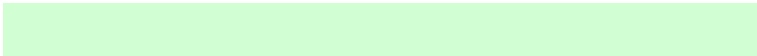
FF84BA

Sweetspot

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



61ED66



D1FFD3



E8ED61



638064



000000



808080

Same Dimension

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



61ED66



4AFF50



61EDAC



6A756A



00B506



003602

Inverse Universe

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



ED61E8



FF4AF9



ED61A2



756A75



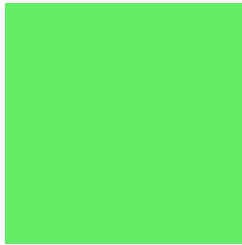
B500AF



360034

Previews

White Background



This preview shows how the Hex color 61ED66 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 61ED66 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

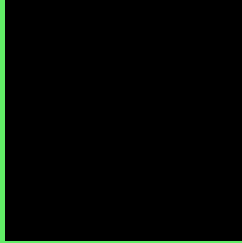
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

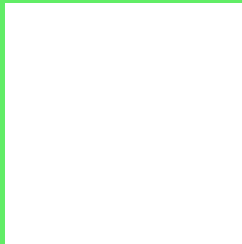
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 61ED66 Background



This preview shows how black text looks on a background with the Hex color 61ED66.

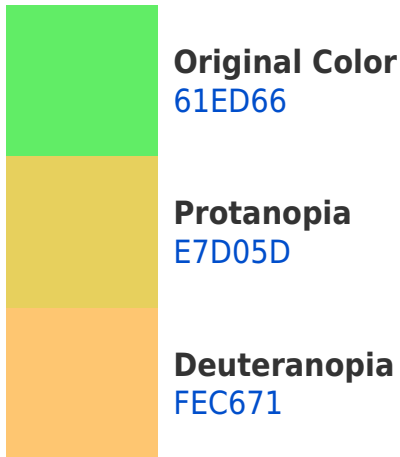


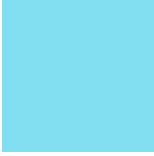
This preview shows how white text looks on a background with the Hex color 61ED66.

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
82DFF1

Trichromacy



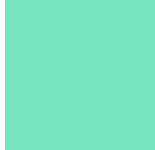
Original Color
61ED66



Protanomaly
B6DB60



Deuteranomaly
C5D46D

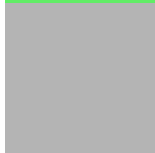


Tritanomaly
76E4BE

Monochromacy



Original Color
61ED66



Achromatopsia
B4B4B4



Achromatomaly
96C998

CSS Examples

Text

The CSS property to change the color of the text to Hex 61ED66 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 #61ED66 looks like.

```
.text, #text, p{  
    color:#61ED66  
}
```

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 #61ED66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61ED66
}
```

Border

The CSS property to change the border of an element to Hex 61ED66 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
#61ED66 }
```

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

```
.border{ border-color:#61ED66 }
```

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

Here you see how a box with a 4 pixel #61ED66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61ED66; -webkit-box-shadow:4px 4px  
4px 4px #61ED66; box-shadow:4px 4px 4px  
4px #61ED66 }
```

Background

The CSS property to change the background color of an element to Hex 61ED66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61ED66 }
```

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

```
.background{ background-color:#61ED66 }
```

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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