

Converting Colors

Hex(61E63F)

Have a look what the booklet for
Hex(61E63F) contains.

Hex(61E63F)	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(61E63F)

Conversions

Conversions Part 1

Format	Color
Hex	61E63F
RGB	97, 230, 63
RGB Percent	38%, 90%, 25%
CMY	0.6196, 0.0980, 0.7529
CMYK	0.58, 0.00, 0.73, 0.10
HSL	108°, 77%, 57%
HSV	108°, 73%, 90%
XYZ	34.1238, 59.4939, 14.3876
YIQ	171.1950, -25.6610, -80.1330

Conversions

Conversions Part 2

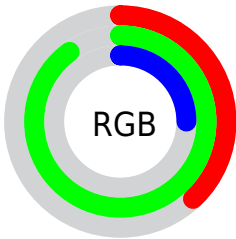
Format	Color
RYB	63, 230, 196
Decimal	6415935
CIELab	81.56, -65.16, 66.34
CIELCh	82, 92.991, 134.485
Yxy	59.4939, 0.3159, 0.5508
Android (android.graphics.Color)	4284606015 (0xFF61E63F)
YUV	171.1950, -53.3401, -65.0690
Hunter-Lab	77.1323, -56.0120, 42.9332

Details

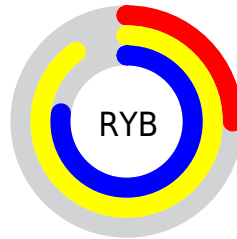
The Hex color **61E63F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **C43FE6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A0FF78**, and **01AD00** is the 20% darker color. If you saturate the color by 10%, you get **4FE628**, and if you desaturate by 10%, it is **73E656**.

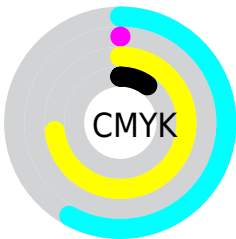
Distribution



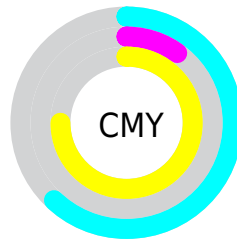
- Red (38%)
- Green (90%)
- Blue (25%)



- Red (25%)
- Yellow (90%)
- Blue (77%)



- Cyan (58%)
- Magenta (0%)
- Yellow (73%)
- Black (10%)



- Cyan (62%)
- Magenta (10%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E63F 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 61E63F by changing the saturation by 10% instead.

 61E63F

 61E63F

FFFFFF

 3EC91D

 A0FF78

 01AD00

 BEFF94

 009200

 DDFFB1

 007700

 FBFFCE

 005D00

 FFFFEB

 004400

 002C00

 000B00

 000000

 61E63F

 61E63F

 4FE628

 73E656

 3CE611

 86E66D

 2FE600

 98E684

 AAE69B

 BDE6B2

 CFE6C9

 E1E6E0

 F4E6F7

 FFE6FF

Harmonies

Analogous

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



CBD400



61E63F



00EF99

Triad

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



61E63F



00E1FF



FF6DA4

Complementary

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



61E63F



C43FE6

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.



FF75FC



61E63F



4BC7FF

Square

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



61E63F



00EFFF



FF9FFF



FF8E52

Rectangle

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



61E63F



00F2D6



FF9FFF



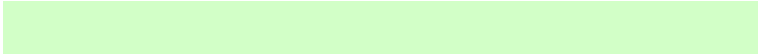
FF6AC1

Sweetspot

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



61E63F



D2FFC7



E6C23F



65805E



000000



808080

Same Dimension

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



61E63F



4EFF21



3FE66E



6A7367



24B300



0A3300

Inverse Universe

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



C43FE6



D221FF



E63FB7



706773



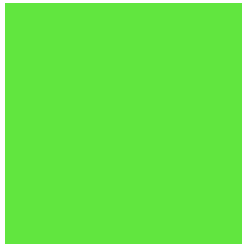
8E00B3



290033

Previews

White Background



This preview shows how the Hex color 61E63F looks on a white background.

Color Contrast Check

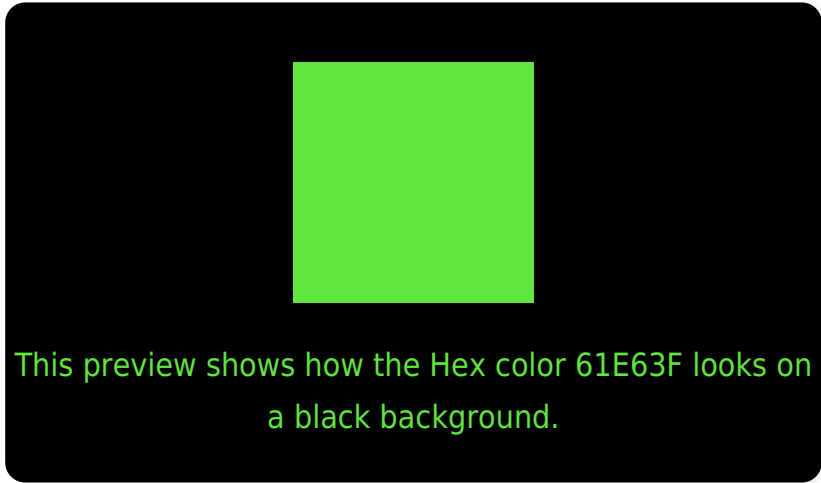
Large Text (above 18pt) WCAG AA × Fail

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 61E63F Background



This preview shows how black text looks on a background with the Hex color 61E63F.

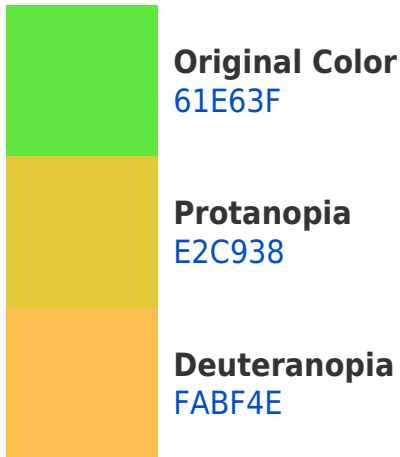


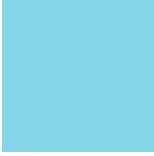
This preview shows how white text looks on a background with the Hex color 61E63F.

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](#).

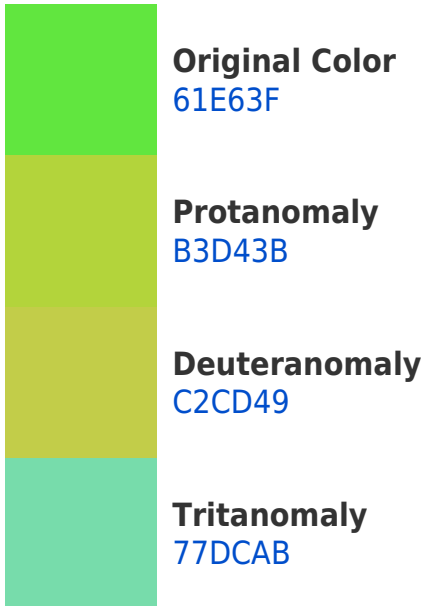
Dichromacy



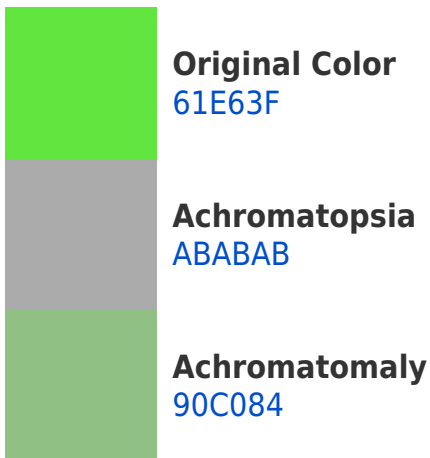


Tritanopia
83D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61E63F 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 #61E63F looks like.

```
.text, #text, p{  
    color:#61E63F  
}
```

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 #61E63F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E63F
}
```

Border

The CSS property to change the border of an element to Hex 61E63F 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
#61E63F }
```

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

```
.border{ border-color:#61E63F }
```

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

Here you see how a box with a 4 pixel #61E63F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E63F; -webkit-box-shadow:4px 4px  
4px 4px #61E63F; box-shadow:4px 4px 4px  
4px #61E63F }
```

Background

The CSS property to change the background color of an element to Hex 61E63F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E63F }
```

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

```
.background{ background-color:#61E63F }
```

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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