

Converting Colors

Hex(61E04F)

Have a look what the booklet for
Hex(61E04F) contains.

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Color

Hex(61E04F)

Conversions

Conversions Part 1

Format	Color
Hex	61E04F
RGB	97, 224, 79
RGB Percent	38%, 88%, 31%
CMY	0.6196, 0.1216, 0.6902
CMYK	0.57, 0.00, 0.65, 0.12
HSL	113°, 70%, 59%
HSV	113°, 65%, 88%
XYZ	32.9967, 56.4172, 16.5476
YIQ	169.4970, -29.1470, -72.0190

Conversions

Conversions Part 2

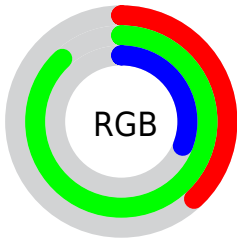
Format	Color
RYB	79, 224, 206
Decimal	6414415
CIELab	79.85, -61.74, 58.53
CIELCh	80, 85.073, 136.529
Yxy	56.4172, 0.3114, 0.5324
Android (android.graphics.Color)	4284604495 (0xFF61E04F)
YUV	169.4970, -44.6150, -63.5799
Hunter-Lab	75.1114, -53.0292, 39.5159

Details

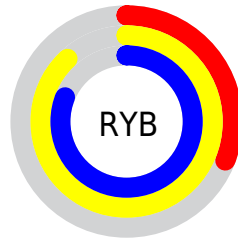
The Hex color **61E04F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **CE4FE0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9EFF86**, and **0EA810** is the 20% darker color. If you saturate the color by 10%, you get **4DE039**, and if you desaturate by 10%, it is **75E065**.

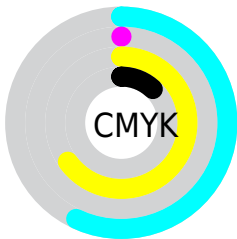
Distribution



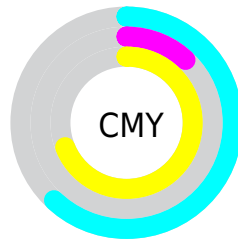
- Red (38%)
- Green (88%)
- Blue (31%)



- Red (31%)
- Yellow (88%)
- Blue (81%)



- Cyan (57%)
- Magenta (0%)
- Yellow (65%)
- Black (12%)




- Cyan (62%)
- Magenta (12%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E04F 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 61E04F by changing the saturation by 10% instead.

 61E04F

 61E04F

FFFFFF

 3FC333

 9EFF86

 0EA810

 BCFFA2

 008C00

 DAFFBE

 007200

 F9FFDB

 005800

 FFFFF8

 003F00

 002800

 000000

 61E04F

 61E04F

 4DE039

 75E065

 3AE022

 88E07C

 26E00C

 9CE092

 1CE000

 AFE0A9

 C3E0BF

 D7E0D5

 EAE0EC

 FEE0FF

 FFE0FF

Harmonies

Analogous

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



C3D000



61E04F



00E89E

Triad

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



61E04F



00D9FF



FF769E

Complementary

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



61E04F



CE4FE0

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.



FF7AED



61E04F



74C0FF

Square

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



61E04F



00E7FF



FF9CFF



FF9354

Rectangle

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



61E04F



00EBD6



FF9CFF



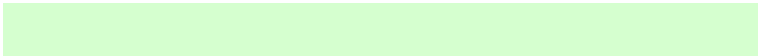
FF73B8

Sweetspot

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



61E04F



D5FFCF



E0CD4F



668062



000000



808080

Same Dimension

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



61E04F



51FF38



4FE084



667065



16B000



063000

Inverse Universe

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



CE4FE0



E638FF



E04FAB



6F6570



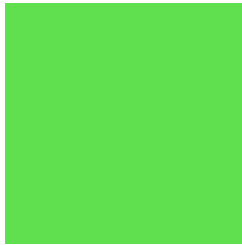
9A00B0



2A0030

Previews

White Background



This preview shows how the Hex color 61E04F looks on a white background.

Color Contrast Check

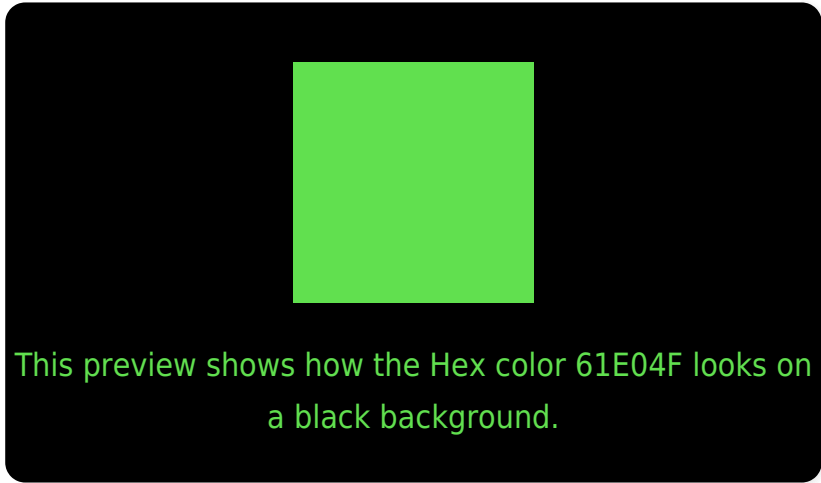
Large Text (above 18pt) WCAG AA × Fail

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 61E04F Background



This preview shows how black text looks on a background with the Hex color 61E04F.

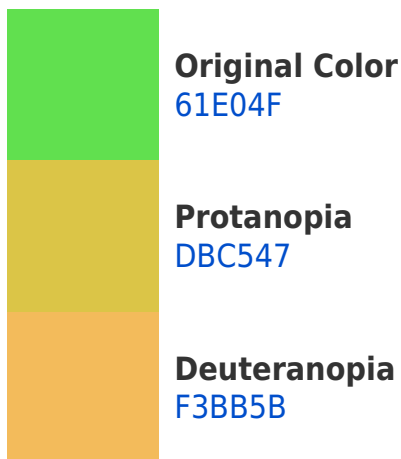


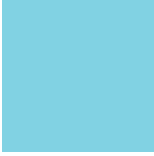
This preview shows how white text looks on a background with the Hex color 61E04F.

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](#).

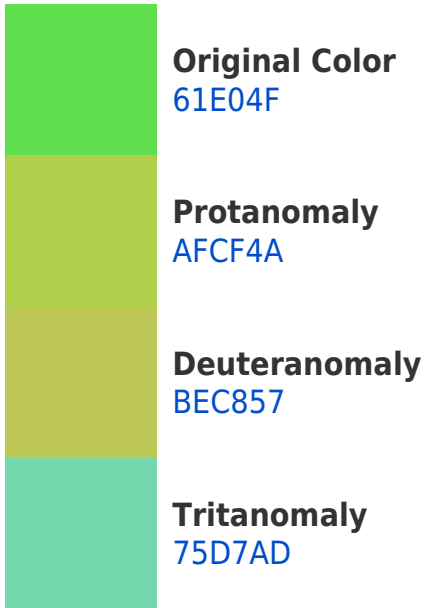
Dichromacy



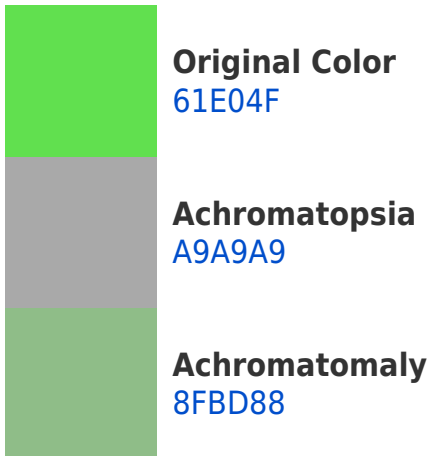


Tritanopia
81D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61E04F 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 #61E04F looks like.

```
.text, #text, p{  
    color:#61E04F  
}
```

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 #61E04F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E04F
}
```

Border

The CSS property to change the border of an element to Hex 61E04F 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
#61E04F }
```

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

```
.border{ border-color:#61E04F }
```

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

Here you see how a box with a 4 pixel #61E04F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E04F; -webkit-box-shadow:4px 4px  
4px 4px #61E04F; box-shadow:4px 4px 4px  
4px #61E04F }
```

Background

The CSS property to change the background color of an element to Hex 61E04F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E04F }
```

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

```
.background{ background-color:#61E04F }
```

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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