

Converting Colors

Hex(6FE14E)

Have a look what the booklet for
Hex(6FE14E) contains.

Hex(6FE14E)	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(6FE14E)

Conversions

Conversions Part 1

Format	Color
Hex	6FE14E
RGB	111, 225, 78
RGB Percent	44%, 88%, 31%
CMY	0.5647, 0.1176, 0.6941
CMYK	0.51, 0.00, 0.65, 0.12
HSL	107°, 71%, 59%
HSV	107°, 65%, 88%
XYZ	34.8559, 57.7800, 16.5233
YIQ	174.1560, -20.7570, -69.8850

Conversions

Conversions Part 2

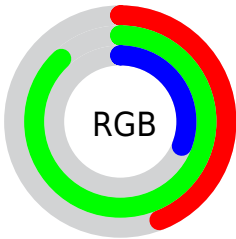
Format	Color
RYB	78, 225, 192
Decimal	7332174
CIELab	80.62, -58.56, 59.90
CIELCh	81, 83.770, 134.351
Yxy	57.7800, 0.3193, 0.5293
Android (android.graphics.Color)	4285522254 (0xFF6FE14E)
YUV	174.1560, -47.4049, -55.3878
Hunter-Lab	76.0132, -51.1717, 40.3211

Details

The Hex color **6FE14E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C04EE1**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **ABFF85**, and **2CA90D** is the 20% darker color. If you saturate the color by 10%, you get **5EE138**, and if you desaturate by 10%, it is **80E165**.

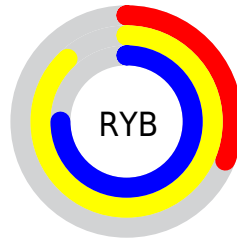
Distribution



Red (44%)

Green (88%)

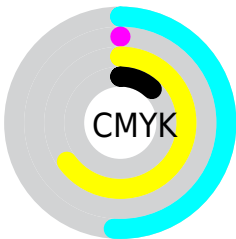
Blue (31%)



Red (31%)

Yellow (88%)

Blue (75%)

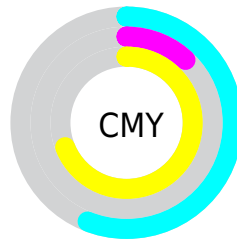


Cyan (51%)

Magenta (0%)

Yellow (65%)

Black (12%)



Cyan (56%)

Magenta (12%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE14E 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 6FE14E by changing the saturation by 10% instead.

 6FE14E

 6FE14E

FFFFFF

 50C431

 ABFF85

 2CA90D

 C8FFA1

 008D00

 E7FFBD

 007300

 FFFFDA

 005900

 FFFFF7

 004000

 002900

 000400

 000000

 6FE14E

 6FE14E

 5EE138

 80E165

 4CE121

 92E17B

 3BE10B

 A3E192

 33E100

 B5E1A8

 C6E1BF

 D8E1D5

 E9E1EB

 FBE1FF

 FFE1FF

Harmonies

Analogous

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



CBD000



6FE14E



00EA9B

Triad

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



6FE14E



00DCFF



FF7AA6

Complementary

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



6FE14E



C04EE1

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.



FF80F4



6FE14E



68C4FF

Square

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



6FE14E



00E9FF



FBA2FF



FF945D

Rectangle

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



6FE14E



00ECD2



FBA2FF



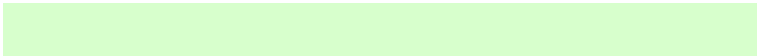
FF78C0

Sweetspot

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



6FE14E



D7FFCC



E1BF4E



688061



000000



808080

Same Dimension

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



6FE14E



65FF38



4EE175



677065



27B000



0B3000

Inverse Universe

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



C04EE1



D238FF



E14EBA



6E6570



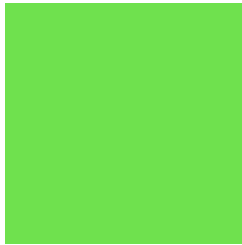
8800B0



260030

Previews

White Background



This preview shows how the Hex color 6FE14E looks on a white background.

Color Contrast Check

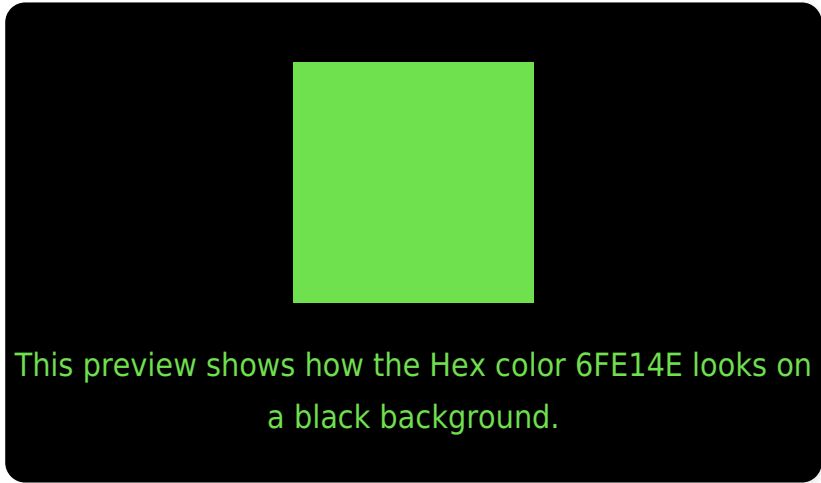
Large Text (above 18pt) WCAG AA × Fail

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 6FE14E Background



This preview shows how black text looks on a background with the Hex color 6FE14E.

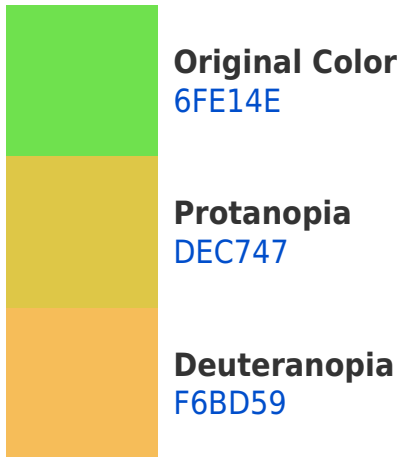


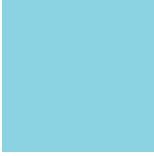
This preview shows how white text looks on a background with the Hex color 6FE14E.

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
8BD2E3

Trichromacy



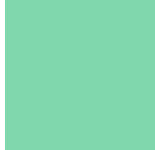
Original Color
6FE14E



Protanomaly
B6D04A



Deuteranomaly
C5CA55

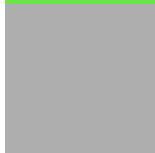


Tritanomaly
81D7AD

Monochromacy



Original Color
6FE14E



Achromatopsia
AEAEAE



Achromatomaly
97C18B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE14E 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 #6FE14E looks like.

```
.text, #text, p{  
    color:#6FE14E  
}
```

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 #6FE14E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE14E
}
```

Border

The CSS property to change the border of an element to Hex 6FE14E 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
#6FE14E }
```

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

```
.border{ border-color:#6FE14E }
```

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

Here you see how a box with a 4 pixel #6FE14E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE14E; -webkit-box-shadow:4px 4px  
4px 4px #6FE14E; box-shadow:4px 4px 4px  
4px #6FE14E }
```

Background

The CSS property to change the background color of an element to Hex 6FE14E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE14E }
```

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

```
.background{ background-color:#6FE14E }
```

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