

Converting Colors

Hex(6EEA66)

Have a look what the booklet for
Hex(6EEA66) contains.

Hex(6EEA66)	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(6EEA66)

Conversions

Conversions Part 1

Format	Color
Hex	6EEA66
RGB	110, 234, 102
RGB Percent	43%, 92%, 40%
CMY	0.5686, 0.0824, 0.6000
CMYK	0.53, 0.00, 0.56, 0.08
HSL	116°, 76%, 66%
HSV	116°, 56%, 92%
XYZ	38.2515, 63.1199, 22.7377
YIQ	181.8760, -31.5320, -67.3400

Conversions

Conversions Part 2

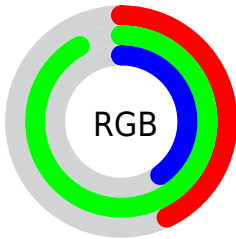
Format	Color
RYB	102, 234, 226
Decimal	7268966
CIELab	83.51, -59.75, 52.90
CIELCh	84, 79.805, 138.477
Yxy	63.1199, 0.3082, 0.5086
Android (android.graphics.Color)	4285459046 (0xFF6EEA66)
YUV	181.8760, -39.3789, -63.0353
Hunter-Lab	79.4481, -53.0925, 38.6451

Details

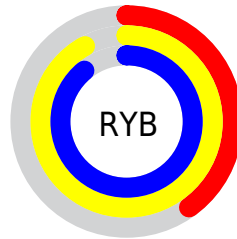
The Hex color **6EEA66** is a dark color, and the websafe version is hex **99FF66**. A complement of this color would be **E266EA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AAFF9C**, and **2AB130** is the 20% darker color. If you saturate the color by 10%, you get **58EA4F**, and if you desaturate by 10%, it is **84EA7D**.

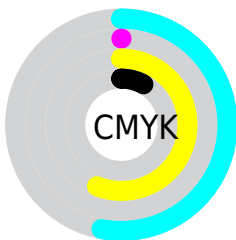
Distribution



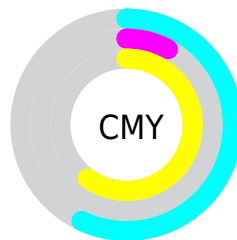
- Red (43%)
- Green (92%)
- Blue (40%)



- Red (40%)
- Yellow (92%)
- Blue (89%)



- Cyan (53%)
- Magenta (0%)
- Yellow (56%)
- Black (8%)



- Cyan (57%)
- Magenta (8%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EEA66 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 6EEA66 by changing the saturation by 10% instead.

 6EEA66

 6EEA66


FFFFFF

 4ECD4B

 AAFF9C

 2AB130

 C8FFB8

 009610

 E6FFD5

 007B00

 FFFFF2

 006100

 004800

 003100

 001500

 000000

 6EEA66

 6EEA66

 58EA4F

 84EA7D

 42EA37

 9AEA95

 2CEA20

 B0EAAC

 16EA08

 C6EAC4

 0EEA00

 DCEADB

 F2EAF2

 FFEAFF

Harmonies

Analogous

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



CADA2D



6EEA66



00F2B0

Triad

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



6EEA66



00E1FF



FF8AA5

Complementary

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



6EEA66



E266EA

Split Complementary

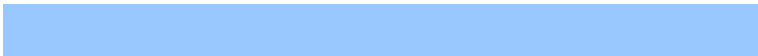
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CF0



6EEA66



98C8FF

Square

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



6EEA66



00EFFF



FFA7FF



FFA361

Rectangle

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



6EEA66



00F4E4



FFA7FF



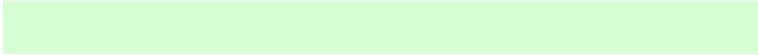
FF87BE

Sweetspot

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



6EEA66



D6FFD4



EAE166



688066



000000



808080

Same Dimension

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



6EEA66



5CFF52



66EA9F



6A756A



0BB500



033600

Inverse Universe

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



E266EA



F452FF



EA66B1



756A75



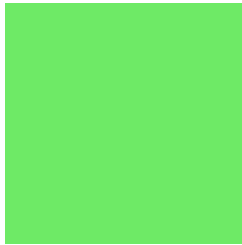
AA00B5



320036

Previews

White Background



This preview shows how the Hex color 6EEA66 looks on a white background.

Color Contrast Check

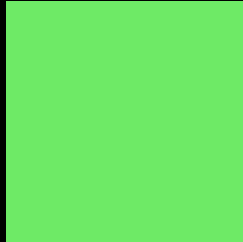
Large Text (above 18pt) WCAG AA × Fail

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 6EEA66 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

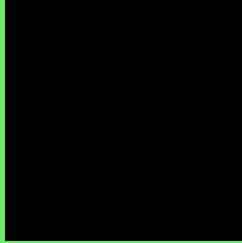
Any Text WCAG AA ✓ Pass

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 6EEA66 Background



This preview shows how black text looks on a background with the Hex color 6EEA66.

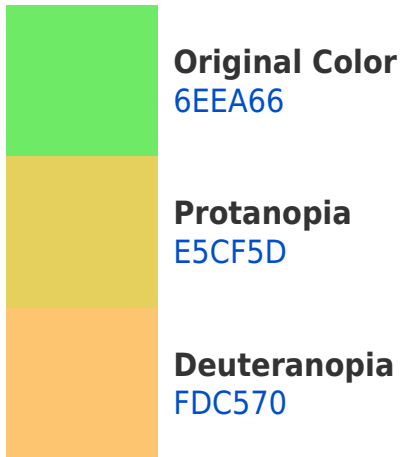


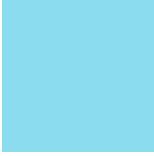
This preview shows how white text looks on a background with the Hex color 6EEA66.

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
8BDCEE

Trichromacy



Original Color
6EEA66



Protanomaly
BAD960



Deuteranomaly
C9D26C

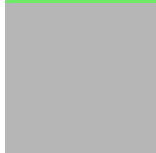


Tritanomaly
80E1BD

Monochromacy



Original Color
6EEA66



Achromatopsia
B6B6B6



Achromatomaly
9CC999

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EEA66 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 #6EEA66 looks like.

```
.text, #text, p{  
    color:#6EEA66  
}
```

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 #6EEA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EEA66
}
```

Border

The CSS property to change the border of an element to Hex 6EEA66 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
#6EEA66 }
```

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

```
.border{ border-color:#6EEA66 }
```

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

Here you see how a box with a 4 pixel #6EEA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EEA66; -webkit-box-shadow:4px 4px  
4px 4px #6EEA66; box-shadow:4px 4px 4px  
4px #6EEA66 }
```

Background

The CSS property to change the background color of an element to Hex 6EEA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EEA66 }
```

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

```
.background{ background-color:#6EEA66 }
```

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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