

Converting Colors

Hex(66E10A)

Have a look what the booklet for
Hex(66E10A) contains.

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Color

Hex(66E10A)

Conversions

Conversions Part 1

Format	Color
Hex	66E10A
RGB	102, 225, 10
RGB Percent	40%, 88%, 4%
CMY	0.6000, 0.1176, 0.9608
CMYK	0.55, 0.00, 0.96, 0.12
HSL	94°, 91%, 46%
HSV	94°, 96%, 88%
XYZ	32.4595, 56.6971, 9.5200
YIQ	163.7130, -4.2930, -92.9410

Conversions

Conversions Part 2

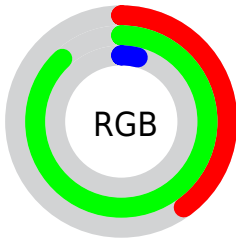
Format	Color
RYB	10, 225, 133
Decimal	6742282
CIELab	80.01, -64.34, 76.76
CIElCh	80, 100.162, 129.968
Yxy	56.6971, 0.3289, 0.5746
Android (android.graphics.Color)	4284932362 (0xFF66E10A)
YUV	163.7130, -75.7805, -54.1223
Hunter-Lab	75.2975, -54.8222, 45.2121

Details

The Hex color **66E10A** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **850AE1**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A4FF59**, and **13A900** is the 20% darker color. If you saturate the color by 10%, you get **60E100**, and if you desaturate by 10%, it is **73E120**.

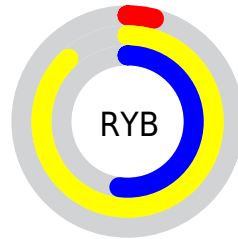
Distribution



Red (40%)

Green (88%)

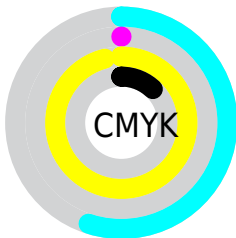
Blue (4%)



Red (4%)

Yellow (88%)

Blue (52%)

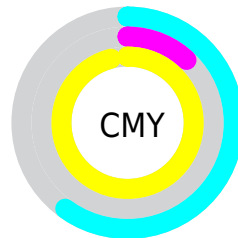


Cyan (55%)

Magenta (0%)

Yellow (96%)

Black (12%)



Cyan (60%)

Magenta (12%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E10A 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 66E10A by changing the saturation by 10% instead.

 66E10A

 66E10A

FFFFFF

 44C400

 A4FF59

 13A900

 C3FF77

 008D00

 E2FF94

 007300

 FFFFB1

 005900

 FFFFCE

 004000

 FFFFEC

 002800

 000000

 66E10A

 66E10A

■ 60E100

■ 73E120

■ 80E137

■ 8DE14E

■ 99E164

■ A6E17B

■ B3E191

■ C0E1A8

■ CDE1BE

■ DAE1D4

Harmonies

Analogous

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



D2CC00



66E10A



00EC82

Triad

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



66E10A



00E2FF



FF55AB

Complementary

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



66E10A



850AE1

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.



FF6AFF



66E10A



00C8FF

Square

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



66E10A



00EDFF



EE9DFF



FF7B52

Rectangle

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



66E10A



00EFC4



EE9DFF



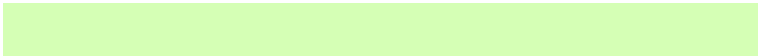
FF54CB

Sweetspot

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



66E10A



D5FFB5



E1840A



668053



000000



808080

Same Dimension

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



66E10A



6DFF00



0AE118



6A7065



4BB000



153000

Inverse Universe

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



850AE1



9200FF



E10AD3



6B6570



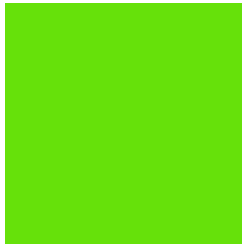
6500B0



1C0030

Previews

White Background



This preview shows how the Hex color 66E10A looks on a white background.

Color Contrast Check

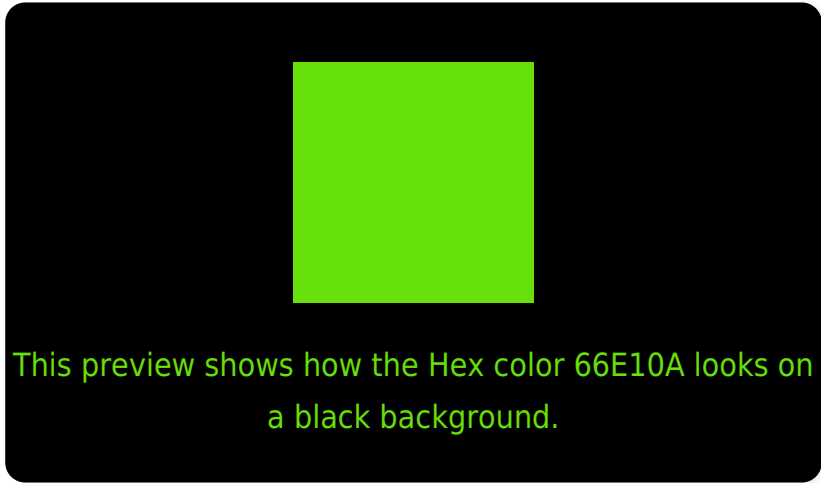
Large Text (above 18pt) WCAG AA × Fail

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

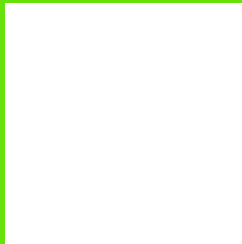
Any Text WCAG AAA ✓ Pass

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

Hex 66E10A Background



This preview shows how black text looks on a background with the Hex color 66E10A.

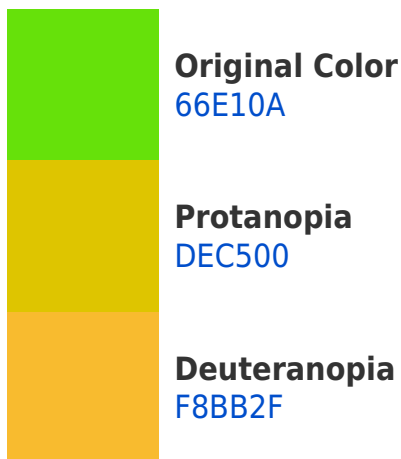


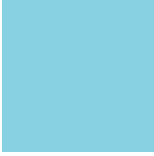
This preview shows how white text looks on a background with the Hex color 66E10A.

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
87D1E2

Trichromacy



Original Color
66E10A



Protanomaly
B2CF04



Deuteranomaly
C3C922



Tritanomaly
7BD793

Monochromacy



Original Color
66E10A



Achromatopsia
A4A4A4



Achromatomaly
8DBA6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 66E10A 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 #66E10A looks like.

```
.text, #text, p{  
    color:#66E10A  
}
```

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 #66E10A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E10A
}
```

Border

The CSS property to change the border of an element to Hex 66E10A 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
#66E10A }
```

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

```
.border{ border-color:#66E10A }
```

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

Here you see how a box with a 4 pixel #66E10A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E10A; -webkit-box-shadow:4px 4px  
4px 4px #66E10A; box-shadow:4px 4px 4px  
4px #66E10A }
```

Background

The CSS property to change the background color of an element to Hex 66E10A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E10A }
```

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

```
.background{ background-color:#66E10A }
```

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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