

# Converting Colors

Hex(66E726)

Have a look what the booklet for  
Hex(66E726) contains.

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**Color**

**Hex(66E726)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66E726
RGB	102, 231, 38
RGB Percent	40%, 91%, 15%
CMY	0.6000, 0.0941, 0.8510
CMYK	0.56, 0.00, 0.84, 0.09
HSL	100°, 80%, 53%
HSV	100°, 84%, 91%
XYZ	34.4053, 60.1165, 11.6240
YIQ	170.4270, -14.9310, -87.3710

# Conversions

## Conversions Part 2

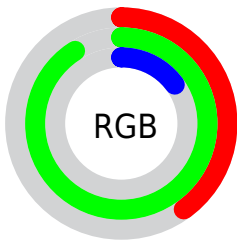
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 231, 167
Decimal	6743846
CIELab	81.90, -65.65, 73.92
CIELCh	82, 98.862, 131.609
Yxy	60.1165, 0.3241, 0.5664
Android (android.graphics.Color)	4284933926 (0xFF66E726)
YUV	170.4270, -65.2865, -60.0105
Hunter-Lab	77.5349, -56.4786, 45.3856

# Details

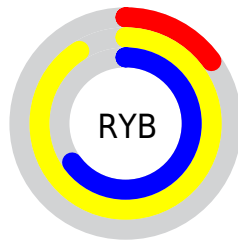
The Hex color **66E726** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **A726E7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A5FF66**, and **10AE00** is the 20% darker color. If you saturate the color by 10%, you get **57E70F**, and if you desaturate by 10%, it is **75E73D**.

# Distribution



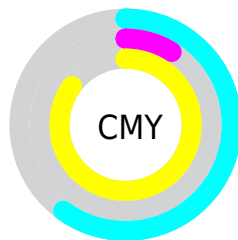
- Red (40%)
- Green (91%)
- Blue (15%)



- Red (15%)
- Yellow (91%)
- Blue (65%)



- Cyan (56%)
- Magenta (0%)
- Yellow (84%)
- Black (9%)



- Cyan (60%)
- Magenta (9%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66E726 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 66E726 by changing the saturation by 10% instead.



 66E726

 66E726

FFFFFF

 43CA00

 A5FF66

 10AE00

 C3FF83

 009300

 E2FFA0

 007800

 FFFFBD

 005E00

 FFFFDB

 004400

 FFFFF9

 002D00

 000D00

 000000

 66E726

 66E726

 57E70F

 75E73D

 4DE700

 85E754

 94E76B

 A4E782

 B3E79A

 C3E7B1

 D2E7C8

 E2E7DF

 F1E7F6

# Harmonies

## Analogous

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



D3D300



66E726



00F18D

# Triad

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



66E726



00E6FF



FF60AC

# Complementary

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



66E726



A726E7

# 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.



FF70FF



66E726



00CBFF

# Square

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



66E726



00F2FF



FBA1FF



FF8553

# Rectangle

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



66E726



00F4CE



FBA1FF



FF5ECB

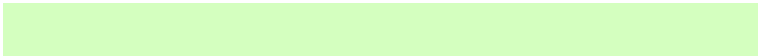


# Sweetspot

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



66E726



D4FFBF



E7A726



668059



000000



808080



# Same Dimension

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



66E726



55FF00



26E746



6B7367



3BB300



113300



# Inverse Universe

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



A726E7



AA00FF



E726C7



6F6773



7700B3

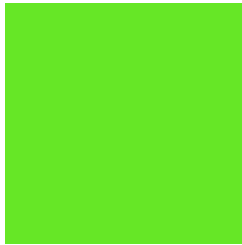


220033



# Previews

## White Background



This preview shows how the Hex color 66E726 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 66E726 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

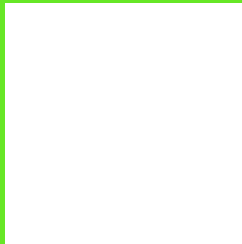
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66E726 Background



This preview shows how black text looks on a background with the Hex color 66E726.

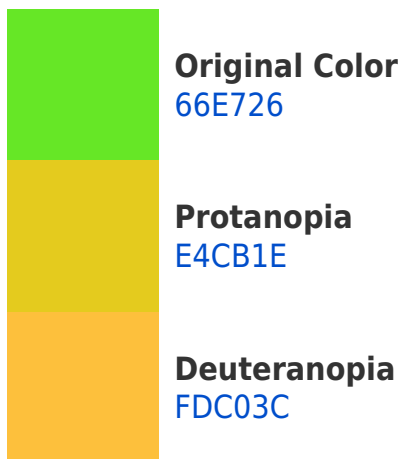


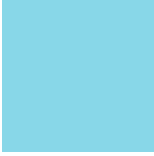
This preview shows how white text looks on a background with the Hex color 66E726.

# 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](#).

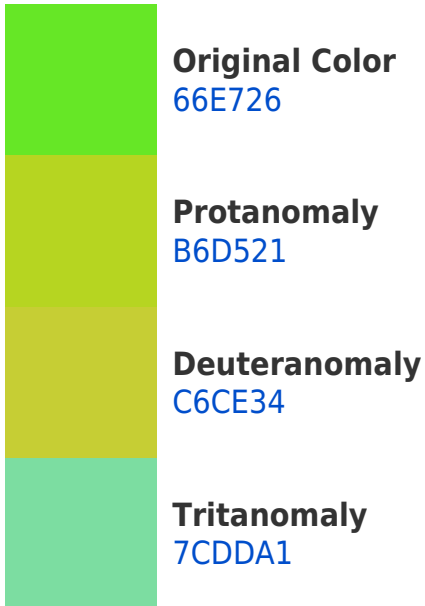
## Dichromacy



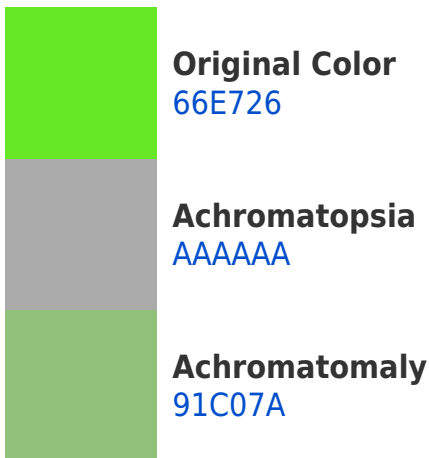


**Tritanopia**  
88D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66E726 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 #66E726 looks like.

```
.text, #text, p{  
    color:#66E726  
}
```

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 #66E726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E726
}
```

## Border

The CSS property to change the border of an element to Hex 66E726 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
#66E726 }
```

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

```
.border{ border-color:#66E726 }
```

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

Here you see how a box with a 4 pixel #66E726 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E726; -webkit-box-shadow:4px 4px  
4px 4px #66E726; box-shadow:4px 4px 4px  
4px #66E726 }
```

# Background

The CSS property to change the background color of an element to Hex 66E726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E726 }
```

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

```
.background{ background-color:#66E726 }
```

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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