

Converting Colors

Hex(66E420)

Have a look what the booklet for
Hex(66E420) contains.

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Color

Hex(66E420)

Conversions

Conversions Part 1

Format	Color
Hex	66E420
RGB	102, 228, 32
RGB Percent	40%, 89%, 13%
CMY	0.6000, 0.1059, 0.8745
CMYK	0.55, 0.00, 0.86, 0.11
HSL	99°, 78%, 51%
HSV	99°, 86%, 89%
XYZ	33.4836, 58.4159, 10.8771
YIQ	167.9820, -12.1800, -87.6680

Conversions

Conversions Part 2

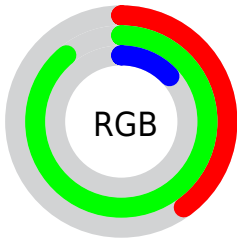
Format	Color
RYB	32, 228, 158
Decimal	6743072
CIELab	80.97, -64.84, 74.39
CIELCh	81, 98.682, 131.077
Yxy	58.4159, 0.3258, 0.5684
Android (android.graphics.Color)	4284933152 (0xFF66E420)
YUV	167.9820, -67.0391, -57.8662
Hunter-Lab	76.4303, -55.5533, 45.0634

Details

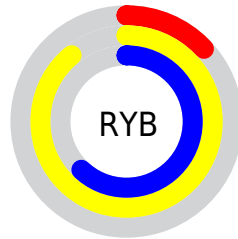
The Hex color **66E420** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **9E20E4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A4FF62**, and **12AB00** is the 20% darker color. If you saturate the color by 10%, you get **57E409**, and if you desaturate by 10%, it is **75E437**.

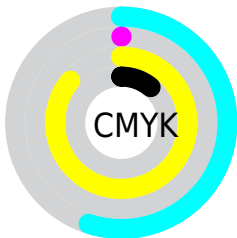
Distribution



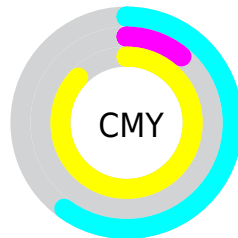
- Red (40%)
- Green (89%)
- Blue (13%)



- Red (13%)
- Yellow (89%)
- Blue (62%)



- Cyan (55%)
- Magenta (0%)
- Yellow (86%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E420 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 66E420 by changing the saturation by 10% instead.

 66E420

 66E420


FFFFFF

 44C700

 A4FF62

 12AB00

 C3FF80

 009000

 E2FF9C

 007500

 FFFFBA

 005B00

 FFFFD7

 004200

 FFFFF5

 002A00

 000700

 000000

■ 66E420

■ 66E420

■ 57E409

■ 75E437

■ 51E400

■ 83E44E

■ 92E464

■ A1E47B

■ AFE492

■ BEE4A9

■ CDE4C0

■ DBE4D6

■ EAE4ED

Harmonies

Analogous

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



D2D000



66E420



00EE89

Triad

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



66E420



00E4FF



FF5DAB

Complementary

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



66E420



9E20E4

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.



FF6EFF



66E420



00C9FF

Square

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



66E420



00F0FF



F69FFF



FF8253

Rectangle

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



66E420



00F1CA



F69FFF



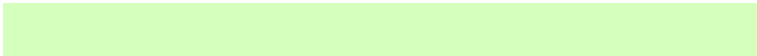
FF5BCA

Sweetspot

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



66E420



D4FFBD



E49C20



668058



000000



808080

Same Dimension

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



66E420



5BFF00



20E43A



6B7367



40B300



123300

Inverse Universe

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



9E20E4



A400FF



E420CA



6F6773



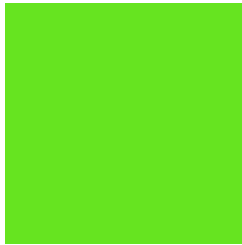
7300B3



210033

Previews

White Background



This preview shows how the Hex color 66E420 looks on a white background.

Color Contrast Check

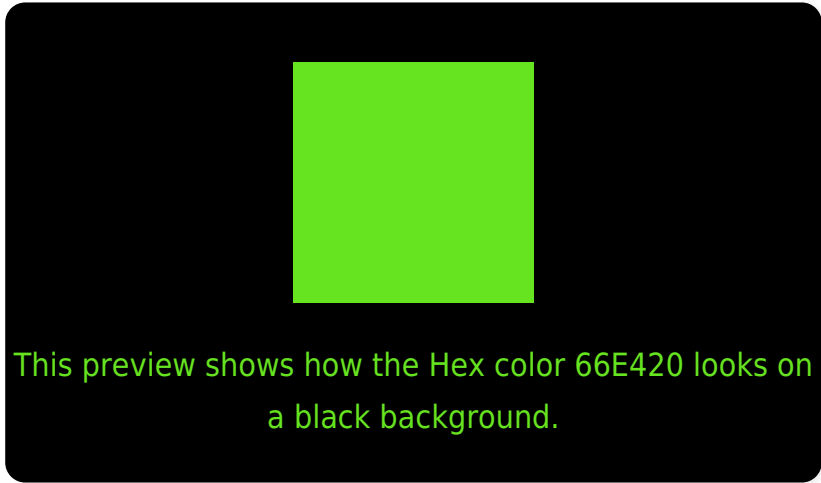
Large Text (above 18pt) WCAG AA × Fail

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 66E420 Background



This preview shows how black text looks on a background with the Hex color 66E420.

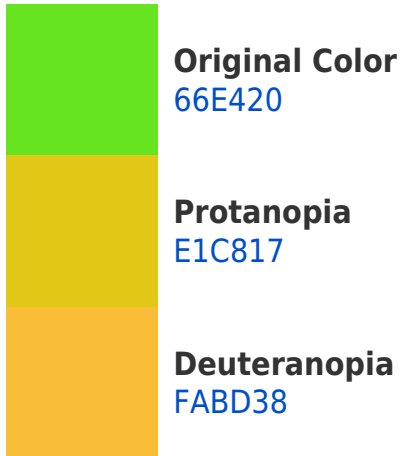


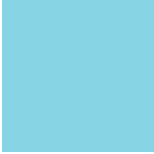
This preview shows how white text looks on a background with the Hex color 66E420.

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](#).

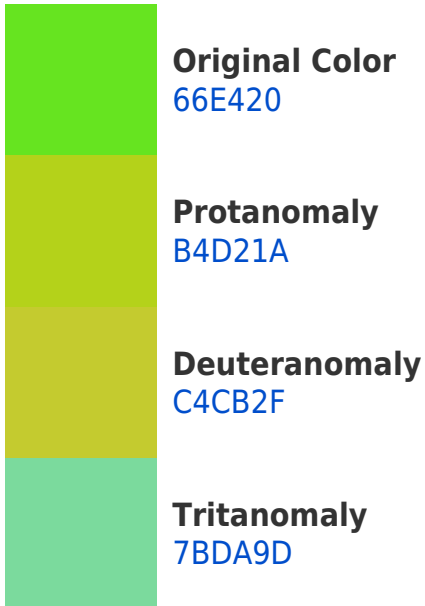
Dichromacy



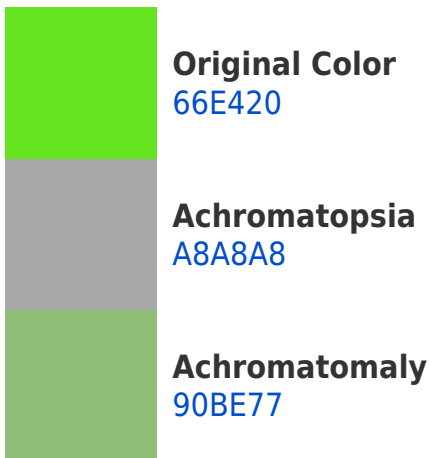


Tritanopia
87D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66E420 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 #66E420 looks like.

```
.text, #text, p{  
    color:#66E420  
}
```

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 #66E420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E420
}
```

Border

The CSS property to change the border of an element to Hex 66E420 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
#66E420 }
```

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

```
.border{ border-color:#66E420 }
```

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

Here you see how a box with a 4 pixel #66E420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E420; -webkit-box-shadow:4px 4px  
4px 4px #66E420; box-shadow:4px 4px 4px  
4px #66E420 }
```

Background

The CSS property to change the background color of an element to Hex 66E420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E420 }
```

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

```
.background{ background-color:#66E420 }
```

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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