

Converting Colors

Hex(66DE04)

Have a look what the booklet for
Hex(66DE04) contains.

Hex(66DE04)	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(66DE04)

Conversions

Conversions Part 1

Format	Color
Hex	66DE04
RGB	102, 222, 4
RGB Percent	40%, 87%, 2%
CMY	0.6000, 0.1294, 0.9843
CMYK	0.54, 0.00, 0.98, 0.13
HSL	93°, 96%, 44%
HSV	93°, 98%, 87%
XYZ	31.6227, 55.0761, 9.0789
YIQ	161.2680, -1.5420, -93.2380

Conversions

Conversions Part 2

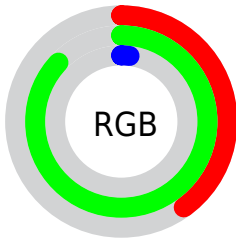
Format	Color
RYB	4, 222, 124
Decimal	6741508
CIELab	79.09, -63.39, 76.56
CIELCh	79, 99.398, 129.621
Yxy	55.0761, 0.3302, 0.5750
Android (android.graphics.Color)	4284931588 (0xFF66DE04)
YUV	161.2680, -77.5331, -51.9780
Hunter-Lab	74.2133, -53.8134, 44.6960

Details

The Hex color **66DE04** 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 **7C04DE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A4FF57**, and **15A600** is the 20% darker color. If you saturate the color by 10%, you get **64DE00**, and if you desaturate by 10%, it is **72DE1A**.

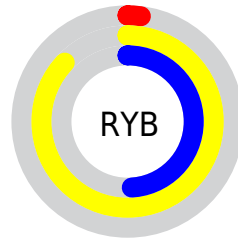
Distribution



Red (40%)

Green (87%)

Blue (2%)



Red (2%)

Yellow (87%)

Blue (49%)

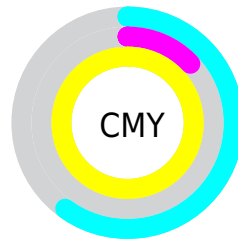


Cyan (54%)

Magenta (0%)

Yellow (98%)

Black (13%)



Cyan (60%)

Magenta (13%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66DE04 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 66DE04 by changing the saturation by 10% instead.

 66DE04

 66DE04

FFFFFF

 44C200

 A4FF57

 15A600

 C3FF75

 008A00

 E1FF92

 007000

 FFFF4F

 005600

 FFFFCC

 003E00

 FFFFEA

 002600

 000000

 66DE04

 66DE04

 64DE00

 72DE1A

 7EDE30

 8BDE47

 97DE5D

 A3DE73

 AFDE89

 BCDE9F

 C8DEB6

 D4DECC

Harmonies

Analogous

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



D0C900



66DE04



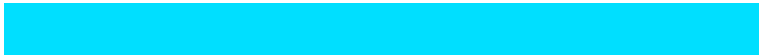
00E97F

Triad

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



66DE04



00DFFF



FF53AA

Complementary

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



66DE04



7C04DE

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.



FF68FF



66DE04



00C6FF

Square

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



66DE04



00EAFB



EA9CFF



FF7951

Rectangle

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



66DE04



00ECC0



EA9CFF



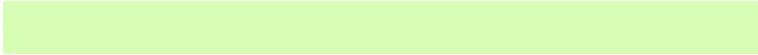
FF52C9

Sweetspot

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



66DE04



D6FFB5



DE7C04



678053



000000



808080

Same Dimension

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



66DE04



73FF00



04DE0F



6A7065



4FB000



163000

Inverse Universe

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



7C04DE



8C00FF



DE04D3



6B6570



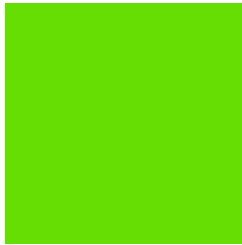
6100B0



1B0030

Previews

White Background



This preview shows how the Hex color 66DE04 looks on a white background.

Color Contrast Check

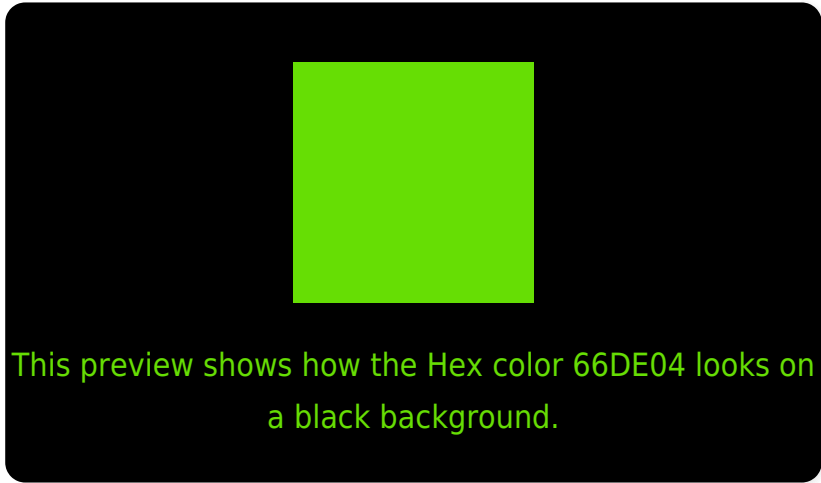
Large Text (above 18pt) WCAG AA × Fail

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 66DE04 Background



This preview shows how black text looks on a background with the Hex color 66DE04.

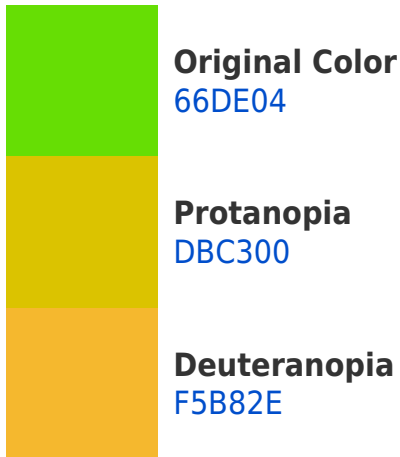


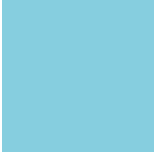
This preview shows how white text looks on a background with the Hex color 66DE04.

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
86CEDF

Trichromacy



Original Color
66DE04



Protanomaly
B0CD01



Deuteranomaly
C1C61F



Tritanomaly
7AD48F

Monochromacy



Original Color
66DE04



Achromatopsia
A1A1A1



Achromatomaly
8CB768

CSS Examples

Text

The CSS property to change the color of the text to Hex 66DE04 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 #66DE04 looks like.

```
.text, #text, p{  
    color:#66DE04  
}
```

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 #66DE04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DE04
}
```

Border

The CSS property to change the border of an element to Hex 66DE04 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
#66DE04 }
```

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

```
.border{ border-color:#66DE04 }
```

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

Here you see how a box with a 4 pixel #66DE04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DE04; -webkit-box-shadow:4px 4px  
4px 4px #66DE04; box-shadow:4px 4px 4px  
4px #66DE04 }
```

Background

The CSS property to change the background color of an element to Hex 66DE04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DE04 }
```

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

```
.background{ background-color:#66DE04 }
```

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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