

Converting Colors

Hex(75D600)

Have a look what the booklet for
Hex(75D600) contains.

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Color

Hex(75D600)

Conversions

Conversions Part 1

Format	Color
Hex	75D600
RGB	117, 214, 0
RGB Percent	46%, 84%, 0%
CMY	0.5412, 0.1608, 1.0000
CMYK	0.45, 0.00, 1.00, 0.16
HSL	87°, 100%, 42%
HSV	87°, 100%, 84%
XYZ	31.3827, 51.8750, 8.3588
YIQ	160.6010, 10.8820, -87.1180

Conversions

Conversions Part 2

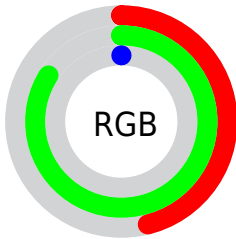
Format	Color
RYB	0, 214, 97
Decimal	7722496
CIELab	77.21, -56.17, 75.70
CIELCh	77, 94.260, 126.574
Yxy	51.8750, 0.3425, 0.5662
Android (android.graphics.Color)	4285912576 (0xFF75D600)
YUV	160.6010, -79.1763, -38.2381
Hunter-Lab	72.0243, -48.2660, 43.5361

Details

The Hex color **75D600** 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 **6100D6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B1FF55**, and **349E00** is the 20% darker color. If you saturate the color by 10%, you get **75D600**, and if you desaturate by 10%, it is **7FD615**.

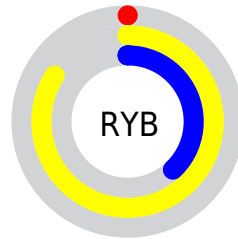
Distribution



Red (46%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (38%)

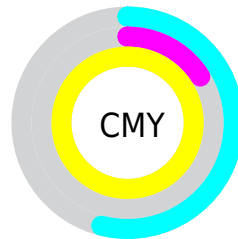


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (54%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D600 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 75D600 by changing the saturation by 10% instead.

 75D600

 75D600

FFFFFF

 56BA00

 B1FF55

 349E00

 CFFF72

 008400

 EDFF8F

 006A00

 FFFFAC

 005000

 FFFFC9

 003800

 FFFF7E

 002100

 000000

 75D600

 7FD615

 88D62B

 92D640

 9CD656

 A6D66B

 AFD680

 B9D696

 C3D6AB

 CCD6C1

Harmonies

Analogous

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



D3C100



75D600



00E175

Triad

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



75D600



00DAFF



FF57AF

Complementary

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



75D600



6100D6

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.



FF6FFF



75D600



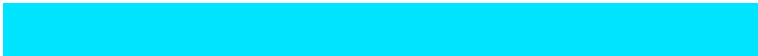
00C3FF

Square

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



75D600



00E4FF



D69EFF



FF755B

Rectangle

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



75D600



00E4B2



D69EFF



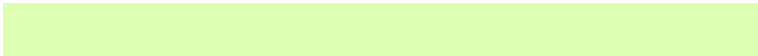
FF59CD

Sweetspot

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



75D600



DCFFB3



D66000



6B8052



000000



808080

Same Dimension

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



75D600



8BFF00



0BD600



666B60



5DAB00



182B00

Inverse Universe

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



6100D6



7400FF



CB00D6



65606B



4D00AB



14002B

Previews

White Background



This preview shows how the Hex color 75D600 looks on a white background.

Color Contrast Check

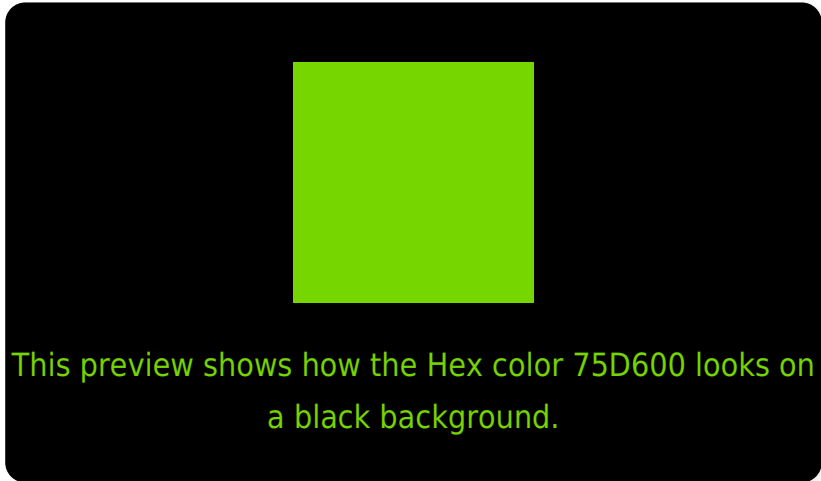
Large Text (above 18pt) WCAG AA × Fail

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 75D600 Background



This preview shows how black text looks on a background with the Hex color 75D600.

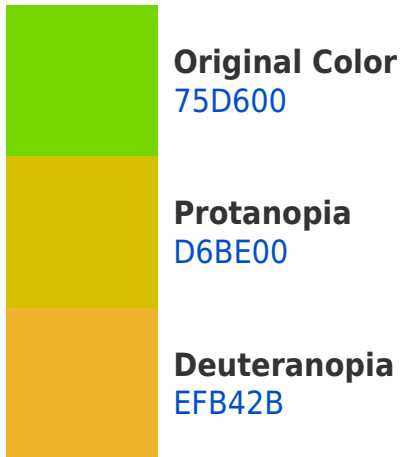


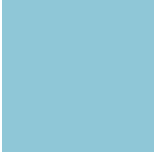
This preview shows how white text looks on a background with the Hex color 75D600.

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
8FC7D7

Trichromacy



Original Color
75D600



Protanomaly
B3C700



Deuteranomaly
C3C01B

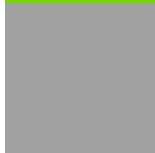


Tritanomaly
86CC89

Monochromacy



Original Color
75D600



Achromatopsia
A1A1A1



Achromatomaly
91B466

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D600 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 #75D600 looks like.

```
.text, #text, p{  
    color:#75D600  
}
```

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 #75D600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D600
}
```

Border

The CSS property to change the border of an element to Hex 75D600 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
#75D600 }
```

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

```
.border{ border-color:#75D600 }
```

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

Here you see how a box with a 4 pixel #75D600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D600; -webkit-box-shadow:4px 4px  
4px 4px #75D600; box-shadow:4px 4px 4px  
4px #75D600 }
```

Background

The CSS property to change the background color of an element to Hex 75D600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D600 }
```

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

```
.background{ background-color:#75D600 }
```

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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