

Converting Colors

Hex(73E600)

Have a look what the booklet for
Hex(73E600) contains.

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Color

Hex(73E600)

Conversions

Conversions Part 1

Format	Color
Hex	73E600
RGB	115, 230, 0
RGB Percent	45%, 90%, 0%
CMY	0.5490, 0.0980, 1.0000
CMYK	0.50, 0.00, 1.00, 0.10
HSL	90°, 100%, 45%
HSV	90°, 100%, 90%
XYZ	35.3670, 60.2385, 9.7632
YIQ	169.3950, 5.2900, -95.9100

Conversions

Conversions Part 2

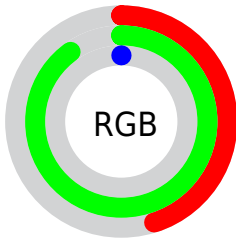
Format	Color
RYB	0, 230, 115
Decimal	7595520
CIELab	81.97, -62.64, 79.39
CIELCh	82, 101.131, 128.275
Yxy	60.2385, 0.3357, 0.5717
Android (android.graphics.Color)	4285785600 (0xFF73E600)
YUV	169.3950, -83.5117, -47.7044
Hunter-Lab	77.6134, -54.4843, 46.8712

Details

The Hex color **73E600** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **7300E6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B1FF58**, and **2CAD00** is the 20% darker color. If you saturate the color by 10%, you get **73E600**, and if you desaturate by 10%, it is **7FE617**.

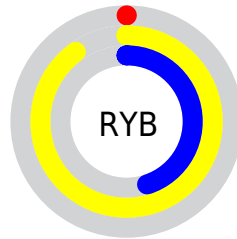
Distribution



Red (45%)

Green (90%)

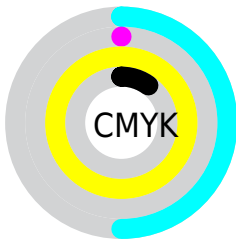
Blue (0%)



Red (0%)

Yellow (90%)

Blue (45%)

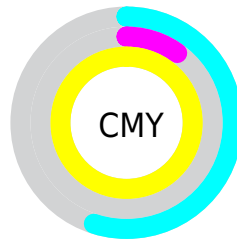


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (55%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73E600 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 73E600 by changing the saturation by 10% instead.

 73E600

 73E600


FFFFFF

 52C900

 B1FF58

 2CAD00

 CFFF76

 009200

 EEFF93

 007700

 FFFFB1

 005D00

 FFFFCE

 004400

 FFFFEC

 002D00

 000D00

 000000

 73E600

 7FE617

 8AE62E

 96E645

 A1E65C

 ADE673

 B8E68A

 C3E6A1

 CFE6B8

 DBE6CF

Harmonies

Analogous

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



DDD000



73E600



00F181

Triad

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



73E600



00E9FF



FF59B6

Complementary

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



73E600



7300E6

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.



FF71FF



73E600



00CFFF

Square

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



73E600



00F4FF



EDA5FF



FF7D5A

Rectangle

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



73E600



00F5C3



EDA5FF



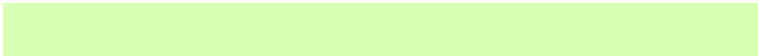
FF5AD6

Sweetspot

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



73E600



D9FFB3



E67300



698052



000000



808080

Same Dimension

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



73E600



80FF00



00E600



6D7367



59B300



1A3300

Inverse Universe

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



7300E6



8000FF



E600E6



6D6773



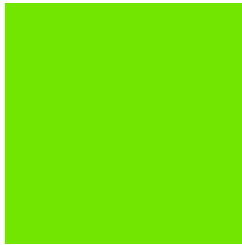
5900B3



1A0033

Previews

White Background



This preview shows how the Hex color 73E600 looks on a white background.

Color Contrast Check

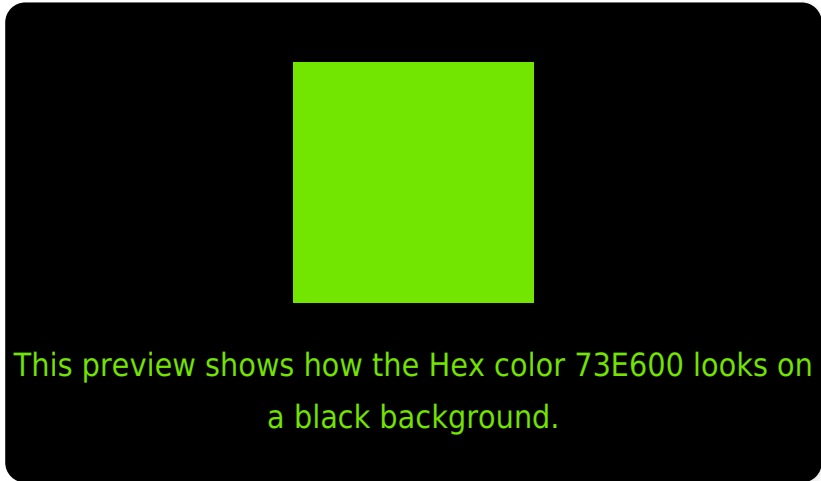
Large Text (above 18pt) WCAG AA × Fail

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 73E600 Background



This preview shows how black text looks on a background with the Hex color 73E600.

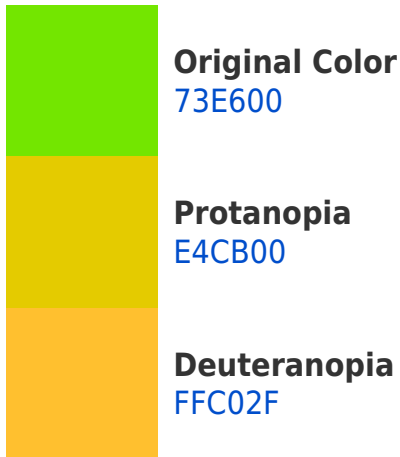


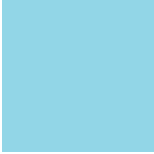
This preview shows how white text looks on a background with the Hex color 73E600.

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](#).

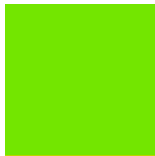
Dichromacy





Tritanopia
92D6E7

Trichromacy



Original Color

73E600



Protanomaly

BBD500



Deuteranomaly

CCCE1E



Tritanomaly

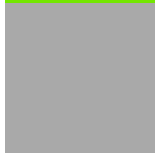
87DC93

Monochromacy



Original Color

73E600



Achromatopsia

A9A9A9



Achromatomaly

95BF6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 73E600 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 #73E600 looks like.

```
.text, #text, p{  
    color:#73E600  
}
```

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 #73E600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73E600
}
```

Border

The CSS property to change the border of an element to Hex 73E600 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
#73E600 }
```

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

```
.border{ border-color:#73E600 }
```

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

Here you see how a box with a 4 pixel #73E600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73E600; -webkit-box-shadow:4px 4px  
4px 4px #73E600; box-shadow:4px 4px 4px  
4px #73E600 }
```

Background

The CSS property to change the background color of an element to Hex 73E600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73E600 }
```

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

```
.background{ background-color:#73E600 }
```

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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