

# Converting Colors

Hex(73EF00)

Have a look what the booklet for  
Hex(73EF00) contains.

<b>Hex(73EF00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(73EF00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73EF00
RGB	115, 239, 0
RGB Percent	45%, 94%, 0%
CMY	0.5490, 0.0627, 1.0000
CMYK	0.52, 0.00, 1.00, 0.06
HSL	91°, 100%, 47%
HSV	91°, 100%, 94%
XYZ	37.9367, 65.3778, 10.6197
YIQ	174.6780, 2.8150, -100.6170

# Conversions

## Conversions Part 2

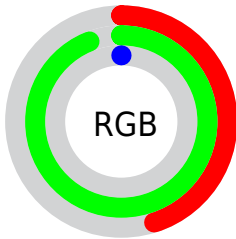
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 239, 124
Decimal	7597824
CIELab	84.68, -65.82, 81.52
CIELCh	85, 104.775, 128.917
Yxy	65.3778, 0.3330, 0.5738
Android (android.graphics.Color)	4285787904 (0xFF73EF00)
YUV	174.6780, -86.1163, -52.3376
Hunter-Lab	80.8566, -57.7494, 48.8124

# Details

The Hex color **73EF00** 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 **7C00EF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B2FF5A**, and **29B600** is the 20% darker color. If you saturate the color by 10%, you get **73EF00**, and if you desaturate by 10%, it is **7FEF18**.

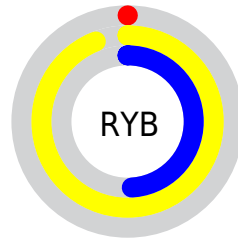
# Distribution



Red (45%)

Green (94%)

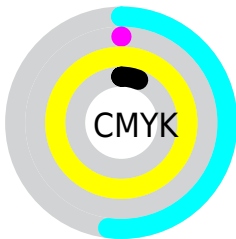
Blue (0%)



Red (0%)

Yellow (94%)

Blue (49%)

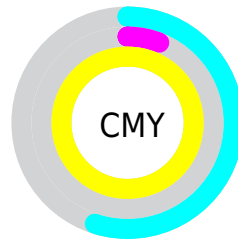


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (55%)

Magenta (6%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73EF00 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 73EF00 by changing the saturation by 10% instead.



 73EF00

 73EF00

FFFFFF

 52D200

 B2FF5A

 29B600

 D0FF78

 009A00

 EFFF96

 007F00

 FFFFB3

 006500

 FFFFD1

 004B00

 FFFFEE

 003400

 001900

 000000

 73EF00

 7FEF18

 8CEF30

 98EF48

 A5EF60

 B1EF77

 BDEF8F

 CAEFA7

 D6EFBF

 E3EFD7

# Harmonies

## Analogous

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



E3D900



73EF00



00FB87

# Triad

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



73EF00



00F1FF



FF5BBA

# Complementary

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



73EF00



7C00EF

# 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.



FF73FF



73EF00



00D6FF

# Square

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



73EF00



00DFFF



F9AAFF



FF825B

# Rectangle

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



73EF00



00FECD



F9AAFF



FF5BDB

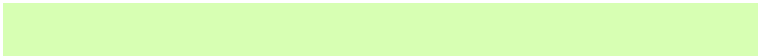


# Sweetspot

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



73EF00



D7FFB3



EF7B00



688052



000000



808080



# Same Dimension

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



73EF00



7BFF00



00EF04



72786C



58B800



1B3800



# Inverse Universe

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



7C00EF



8400FF



EF00EB



726C78



5F00B8

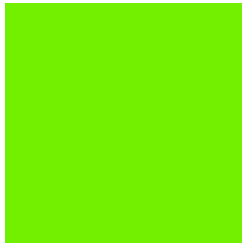


1D0038



# Previews

## White Background



This preview shows how the Hex color 73EF00 looks on a white background.

## Color Contrast Check

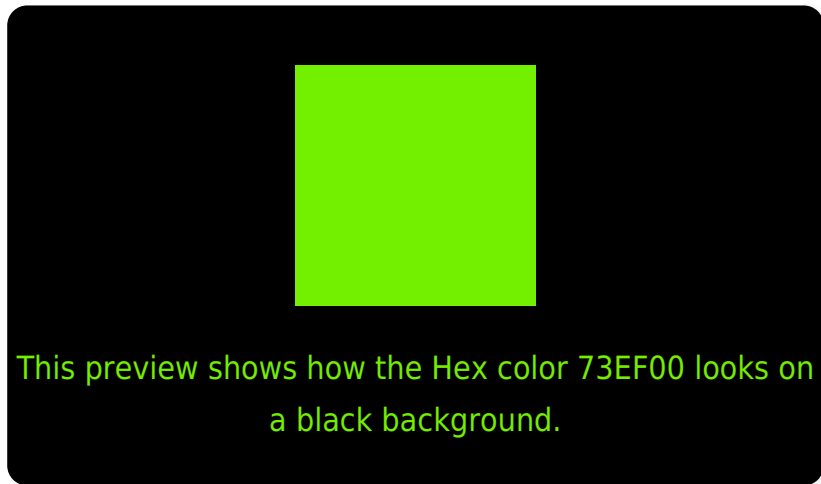
Large Text (above 18pt) WCAG AA × Fail

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

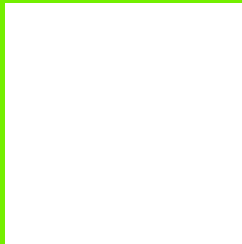
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73EF00 Background



This preview shows how black text looks on a background with the Hex color 73EF00.



This preview shows how white text looks on a background with the Hex color 73EF00.

# 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](#).

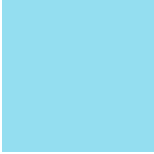
## Dichromacy



**Original Color**  
73EF00

**Protanopia**  
EED200

**Deuteranopia**  
FFC969



**Tritanopia**  
94DEF0

# Trichromacy



**Original Color**  
73EF00



**Protanomaly**  
C1DD00



**Deuteranomaly**  
CCD743

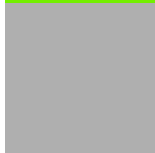


**Tritanomaly**  
88E499

# Monochromacy



**Original Color**  
73EF00



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
99C66F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73EF00 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 #73EF00 looks like.

```
.text, #text, p{  
    color:#73EF00  
}
```

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 #73EF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73EF00
}
```

## Border

The CSS property to change the border of an element to Hex 73EF00 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
#73EF00 }
```

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

```
.border{ border-color:#73EF00 }
```

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

Here you see how a box with a 4 pixel #73EF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73EF00; -webkit-box-shadow:4px 4px  
4px 4px #73EF00; box-shadow:4px 4px 4px  
4px #73EF00 }
```

# Background

The CSS property to change the background color of an element to Hex 73EF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73EF00 }
```

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

```
.background{ background-color:#73EF00 }
```

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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