

# Converting Colors

Hex(73FF73)

Have a look what the booklet for  
Hex(73FF73) contains.

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**Color**

**Hex(73FF73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73FF73
RGB	115, 255, 115
RGB Percent	45%, 100%, 45%
CMY	0.5490, 0.0000, 0.5490
CMYK	0.55, 0.00, 0.55, 0.00
HSL	120°, 100%, 73%
HSV	120°, 55%, 100%
XYZ	45.9247, 76.4026, 28.5464
YIQ	197.1800, -38.5000, -73.2200

# Conversions

## Conversions Part 2

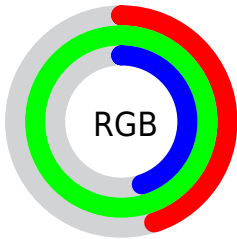
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 255, 255
Decimal	7602035
CIELab	90.05, -64.75, 54.83
CIELCh	90, 84.845, 139.739
Yxy	76.4026, 0.3044, 0.5064
Android (android.graphics.Color)	4285792115 (0xFF73FF73)
YUV	197.1800, -40.5147, -72.0719
Hunter-Lab	87.4086, -59.1806, 41.8228

# Details

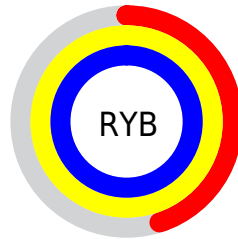
The Hex color **73FF73** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF73FF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B1FFAA**, and **2BC53D** is the 20% darker color. If you saturate the color by 10%, you get **5AFF5A**, and if you desaturate by 10%, it is **8DFF8D**.

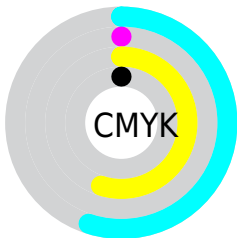
# Distribution



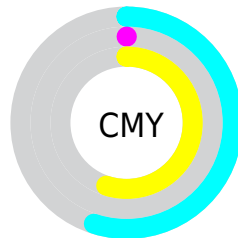
- Red (45%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (100%)



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



- Cyan (55%)
- Magenta (0%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73FF73 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 73FF73 by changing the saturation by 10% instead.



 73FF73

 73FF73

FFFFFF

 52E258

 B1FFAA

 2BC53D

 CFFFC6

 00A920

 EEFFE3

 008E00

 007300

 005900

 004000

 002800

 000000

 73FF73

 73FF73

 5AFF5A

 8DFF8D

 40FF40

 A6FFA6

 26FF26

 C0FFC0

 0DFF0D

 D9FFD9

 00FF00

 F3FFF3

FFFFFF

# Harmonies

## Analogous

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



D8EF34



73FF73



00FFC3

# Triad

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



73FF73



00F4FF



FF98B1

# Complementary

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



73FF73



FF73FF

# Split Complementary

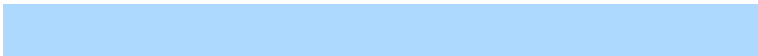
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF98FF



73FF73



ADD9FF

# Square

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



73FF73



00FFFF



FFB5FF



FFB468

# Rectangle

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



73FF73



00FFFC



FFB5FF



FF94CB

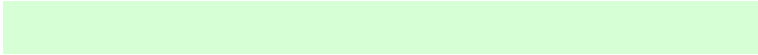


# Sweetspot

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



73FF73



D6FFD6



FFFF73



678067



000000



808080



# Same Dimension

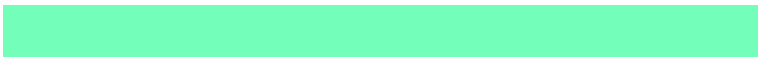
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73FF73



57FF57



73FFB9



738073



00BF00



004000



# Inverse Universe

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



FF73FF



FF57FF



FF73B9



807380



BF00BF

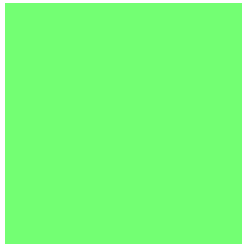


400040



# Previews

## White Background



This preview shows how the Hex color 73FF73 looks on a white background.

## Color Contrast Check

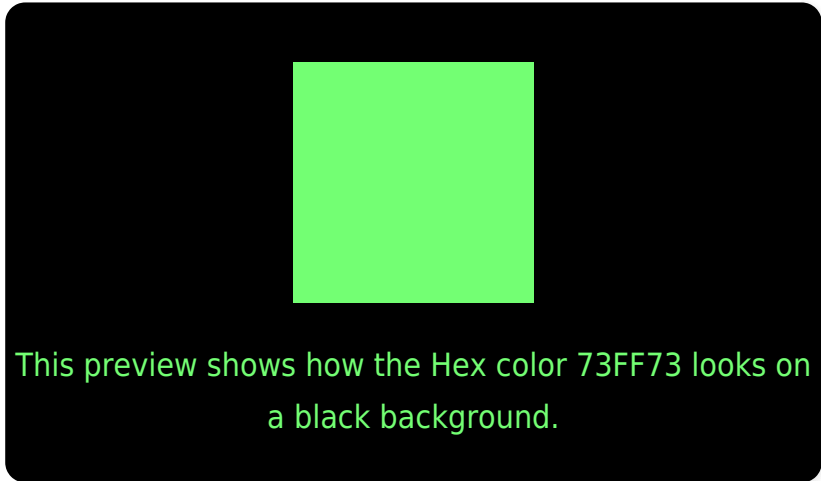
Large Text (above 18pt) WCAG AA × Fail

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

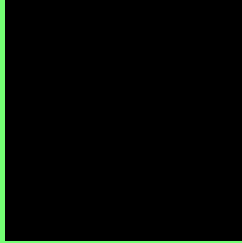
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

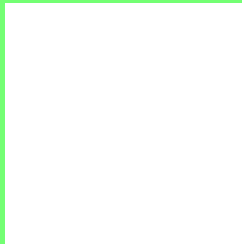
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73FF73 Background



This preview shows how black text looks on a background with the Hex color 73FF73.

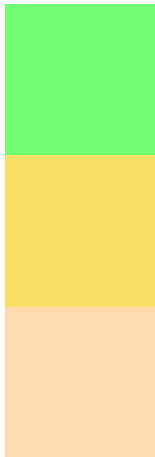


This preview shows how white text looks on a background with the Hex color 73FF73.

# 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](#).

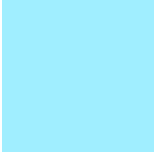
## Dichromacy



**Original Color**  
73FF73

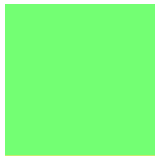
**Protanopia**  
F9E169

**Deuteranopia**  
FFDBAF

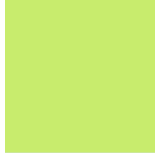


**Tritanopia**  
A0EEFF

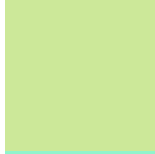
# Trichromacy



**Original Color**  
73FF73



**Protanomaly**  
C8EC6D

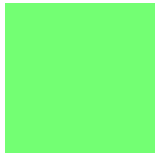


**Deuteranomaly**  
CCE899

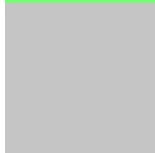


**Tritanomaly**  
90F4CC

# Monochromacy



**Original Color**  
73FF73



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A7DAA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73FF73 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 #73FF73 looks like.

```
.text, #text, p{  
    color:#73FF73  
}
```

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 #73FF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73FF73
}
```

## Border

The CSS property to change the border of an element to Hex 73FF73 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
#73FF73 }
```

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

```
.border{ border-color:#73FF73 }
```

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

Here you see how a box with a 4 pixel #73FF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73FF73; -webkit-box-shadow:4px 4px  
4px 4px #73FF73; box-shadow:4px 4px 4px  
4px #73FF73 }
```

# Background

The CSS property to change the background color of an element to Hex 73FF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73FF73 }
```

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

```
.background{ background-color:#73FF73 }
```

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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