

Converting Colors

Hex(73DF5F)

Have a look what the booklet for
Hex(73DF5F) contains.

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Color

Hex(73DF5F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73DF5F |
| RGB | 115, 223, 95 |
| RGB Percent | 45%, 87%, 37% |
| CMY | 0.5490, 0.1255, 0.6275 |
| CMYK | 0.48, 0.00, 0.57, 0.13 |
| HSL | 111°, 67%, 62% |
| HSV | 111°, 57%, 87% |
| XYZ | 35.5235, 57.2464, 20.0039 |
| YIQ | 176.1160, -23.2800, -62.7040 |

Conversions

Conversions Part 2

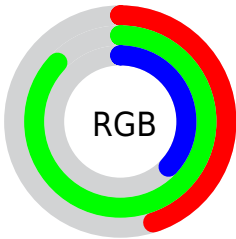
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 95, 223, 203 |
| Decimal | 7593823 |
| CIELab | 80.32, -55.00, 52.37 |
| CIElCh | 80, 75.947, 136.406 |
| Yxy | 57.2464, 0.3150, 0.5076 |
| Android (android.graphics.Color) | 4285783903 (0xFF73DF5F) |
| YUV | 176.1160, -39.9902, -53.5987 |
| Hunter-Lab | 75.6614, -48.6006, 37.2875 |

Details

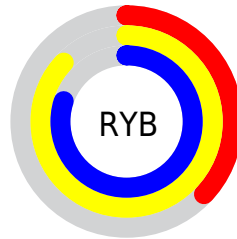
The Hex color **73DF5F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **CB5FDF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AEFF95**, and **35A729** is the 20% darker color. If you saturate the color by 10%, you get **60DF49**, and if you desaturate by 10%, it is **86DF75**.

Distribution



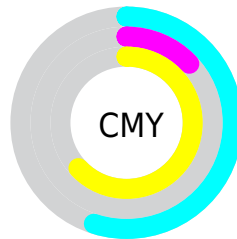
- Red (45%)
- Green (87%)
- Blue (37%)



- Red (37%)
- Yellow (87%)
- Blue (80%)



- Cyan (48%)
- Magenta (0%)
- Yellow (57%)
- Black (13%)



- Cyan (55%)
- Magenta (13%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73DF5F 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 73DF5F by changing the saturation by 10% instead.

 73DF5F

 73DF5F

FFFFFF

 55C344

 AEFF95

 35A729

 CBFFB1

 008C04

 E9FFCD

 007100

 FFFFEA

 005800

 003F00

 002900

 000200

 000000

 73DF5F

 73DF5F

 60DF49

 86DF75

 4DDF32

 99DF8C

 3BDF1C

 ABDFA2

 28DF06

 BEDFB8

 23DF00

 D1DFCF

 E4DFE5

 F7DFFB

 FFDFFF

Harmonies

Analogous

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



C7D02C



73DF5F



00E7A3

Triad

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



73DF5F



00D8FF



FF85A3

Complementary

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



73DF5F



CB5FDF

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.



FF88EB



73DF5F



88C2FF

Square

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



73DF5F



00E5FF



FCA3FF



FF9B63

Rectangle

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



73DF5F



00E9D5



FCA3FF



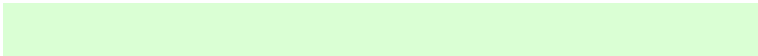
FF83BB

Sweetspot

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



73DF5F



DAFFD4



DFCA5F



6A8066



000000



808080

Same Dimension

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



73DF5F



6BFF4F



5FDF8A



677065



1BB000



083000

Inverse Universe

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



CB5FDF



E44FFF



DF5FB4



6E6570



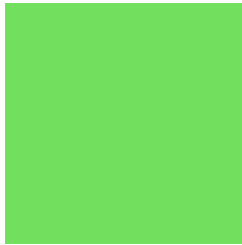
9400B0



290030

Previews

White Background



This preview shows how the Hex color 73DF5F looks on a white background.

Color Contrast Check

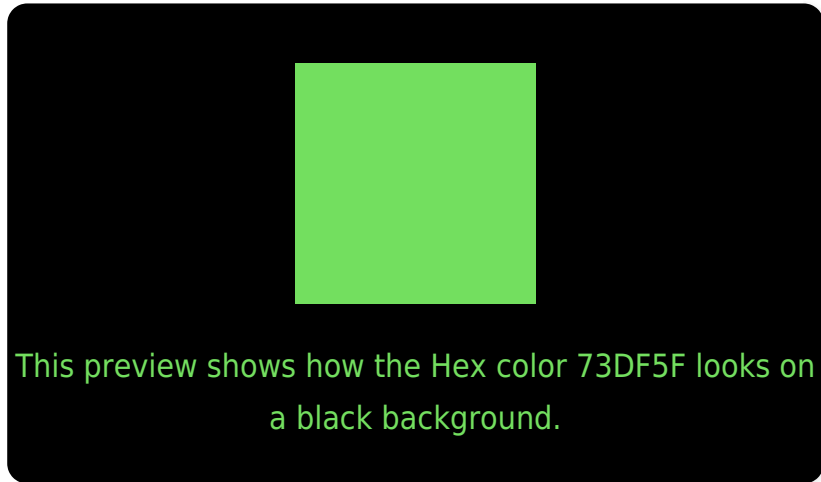
Large Text (above 18pt) WCAG AA × Fail

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

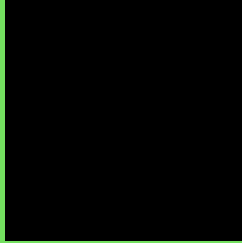
Any Text WCAG AA ✓ Pass

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 73DF5F Background



This preview shows how black text looks on a background with the Hex color 73DF5F.

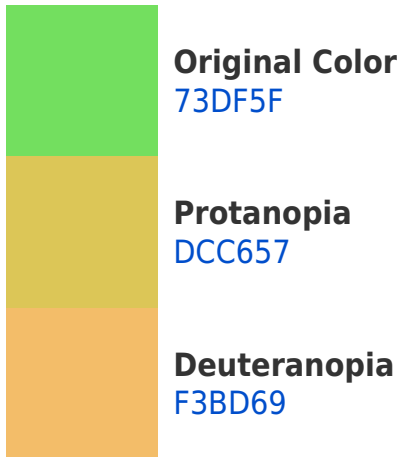


This preview shows how white text looks on a background with the Hex color 73DF5F.

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
8DD1E2

Trichromacy



Original Color

73DF5F



Protanomaly

B6CF5A



Deuteranomaly

C4C965



Tritanomaly

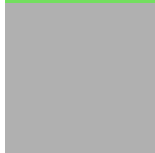
84D6B2

Monochromacy



Original Color

73DF5F



Achromatopsia

B0B0B0



Achromatomaly

9AC193

CSS Examples

Text

The CSS property to change the color of the text to Hex 73DF5F 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 #73DF5F looks like.

```
.text, #text, p{  
    color:#73DF5F  
}
```

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 #73DF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73DF5F
}
```

Border

The CSS property to change the border of an element to Hex 73DF5F 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
#73DF5F }
```

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

```
.border{ border-color:#73DF5F }
```

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

Here you see how a box with a 4 pixel #73DF5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73DF5F; -webkit-box-shadow:4px 4px  
4px 4px #73DF5F; box-shadow:4px 4px 4px  
4px #73DF5F }
```

Background

The CSS property to change the background color of an element to Hex 73DF5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73DF5F }
```

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

```
.background{ background-color:#73DF5F }
```

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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