

Converting Colors

Hex(73DF70)

Have a look what the booklet for
Hex(73DF70) contains.

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Color

Hex(73DF70)

Conversions

Conversions Part 1

Format	Color
Hex	73DF70
RGB	115, 223, 112
RGB Percent	45%, 87%, 44%
CMY	0.5490, 0.1255, 0.5608
CMYK	0.48, 0.00, 0.50, 0.13
HSL	118°, 63%, 66%
HSV	118°, 50%, 87%
XYZ	36.3825, 57.5900, 24.5277
YIQ	178.0540, -28.7370, -57.4170

Conversions

Conversions Part 2

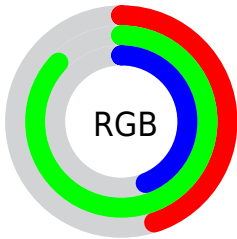
Format	Color
RYB	112, 223, 220
Decimal	7593840
CIELab	80.51, -52.95, 44.71
CIELCh	81, 69.300, 139.827
Yxy	57.5900, 0.3070, 0.4860
Android (android.graphics.Color)	4285783920 (0xFF73DF70)
YUV	178.0540, -32.5646, -55.2984
Hunter-Lab	75.8881, -47.2271, 33.9587

Details

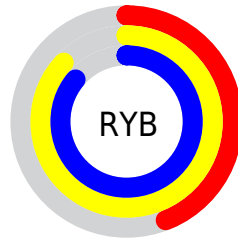
The Hex color **73DF70** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DC70DF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ADFFA6**, and **36A73C** is the 20% darker color. If you saturate the color by 10%, you get **5DDF5A**, and if you desaturate by 10%, it is **89DF86**.

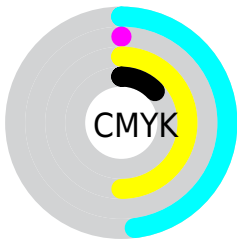
Distribution



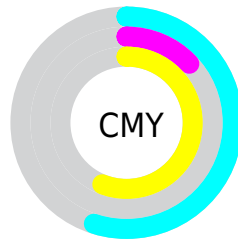
- Red (45%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (86%)



- Cyan (48%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



- Cyan (55%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73DF70 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 73DF70 by changing the saturation by 10% instead.

 73DF70

 73DF70

FFFFFF

 56C356

 ADFFA6

 36A73C

 CAFFC1

 058C22

 E8FFDE

 007101

 FFFFFB

 005800

 003F00

 002900

 000300

 000000

 73DF70

 73DF70

 5DDF5A

 89DF86

 48DF43

 9EDF9D

 32DF2D

 B4DFB3

 1CDF17

 CADFC9

 07DF01

 DFDFE0

 06DF00

 F5DFF6

 FFDFFF

Harmonies

Analogous

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



C1D144



73DF70



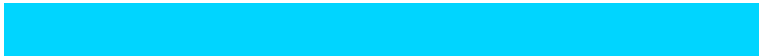
00E6AF

Triad

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



73DF70



00D5FF



FF8FA0

Complementary

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



73DF70



DC70DF

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.



FF8FE1



73DF70



A2C0FF

Square

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



73DF70



00E2FF



FFA4FF



FFA366

Rectangle

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



73DF70



00E7DC



FFA4FF



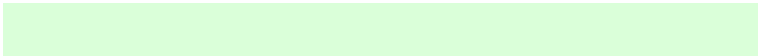
FF8DB5

Sweetspot

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



73DF70



DAFFD9



DFDB70



698069



000000



808080

Same Dimension

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



73DF70



6AFF66



70DFA4



657065



05B000



013000

Inverse Universe

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



DC70DF



FB66FF



DF70AB



706570



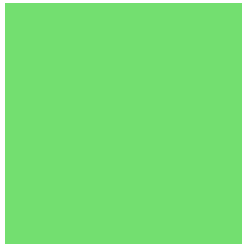
AB00B0



2F0030

Previews

White Background



This preview shows how the Hex color 73DF70 looks on a white background.

Color Contrast Check

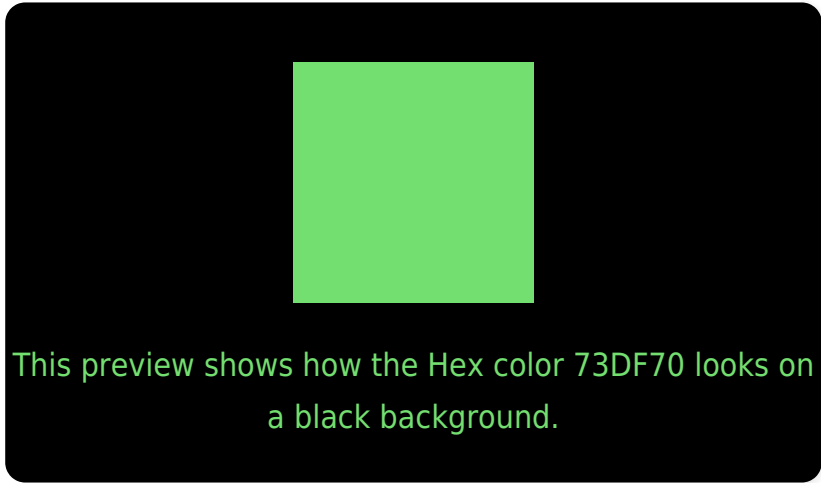
Large Text (above 18pt) WCAG AA × Fail

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 73DF70 Background



This preview shows how black text looks on a background with the Hex color 73DF70.

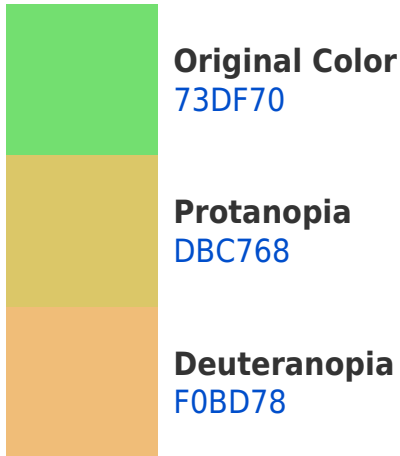


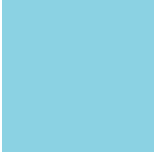
This preview shows how white text looks on a background with the Hex color 73DF70.

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





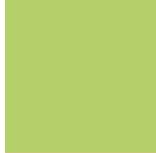
Tritanopia
8BD2E3

Trichromacy



Original Color

73DF70



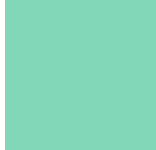
Protanomaly

B5D06B



Deuteranomaly

C3C975



Tritanomaly

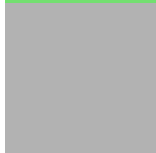
82D7B9

Monochromacy



Original Color

73DF70



Achromatopsia

B2B2B2



Achromatomaly

9BC29A

CSS Examples

Text

The CSS property to change the color of the text to Hex 73DF70 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 #73DF70 looks like.

```
.text, #text, p{  
    color:#73DF70  
}
```

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 #73DF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73DF70
}
```

Border

The CSS property to change the border of an element to Hex 73DF70 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
#73DF70 }
```

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

```
.border{ border-color:#73DF70 }
```

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

Here you see how a box with a 4 pixel #73DF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73DF70; -webkit-box-shadow:4px 4px  
4px 4px #73DF70; box-shadow:4px 4px 4px  
4px #73DF70 }
```

Background

The CSS property to change the background color of an element to Hex 73DF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73DF70 }
```

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

```
.background{ background-color:#73DF70 }
```

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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