

Converting Colors

Hex(74DF4D)

Have a look what the booklet for
Hex(74DF4D) contains.

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Color

Hex(74DF4D)

Conversions

Conversions Part 1

Format	Color
Hex	74DF4D
RGB	116, 223, 77
RGB Percent	45%, 87%, 30%
CMY	0.5451, 0.1255, 0.6980
CMYK	0.48, 0.00, 0.65, 0.13
HSL	104°, 70%, 59%
HSV	104°, 65%, 87%
XYZ	34.9297, 57.0242, 16.1870
YIQ	174.3630, -16.9060, -68.0900

Conversions

Conversions Part 2

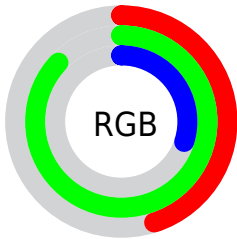
Format	Color
RYB	77, 223, 184
Decimal	7659341
CIELab	80.19, -56.48, 59.90
CIElCh	80, 82.332, 133.318
Yxy	57.0242, 0.3230, 0.5273
Android (android.graphics.Color)	4285849421 (0xFF74DF4D)
YUV	174.3630, -48.0000, -51.1844
Hunter-Lab	75.5144, -49.5837, 40.1509

Details

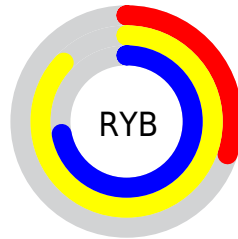
The Hex color **74DF4D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **B84DDF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AFFF84**, and **35A70B** is the 20% darker color. If you saturate the color by 10%, you get **64DF37**, and if you desaturate by 10%, it is **84DF63**.

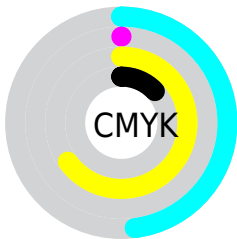
Distribution



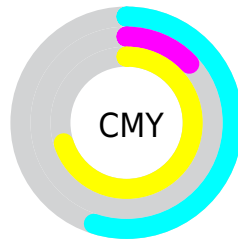
- Red (45%)
- Green (87%)
- Blue (30%)



- Red (30%)
- Yellow (87%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (65%)
- Black (13%)



- Cyan (55%)
- Magenta (13%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74DF4D 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 74DF4D by changing the saturation by 10% instead.

 74DF4D

 74DF4D

FFFFFF

 56C330

 AFFF84

 35A70B

 CDFFA0

 008C00

 EBFFBC

 007100

 FFFFD9

 005800

 FFFFF6

 003F00

 002800

 000100

 000000

 74DF4D

 74DF4D

 64DF37

 84DF63

 53DF20

 95DF7A

 43DF0A

 A5DF90

 3CDF00

 B5DFA6

 C6DFBD

 D6DFD3

 E6DFE9

 F7DFFF

 FFDFFF

Harmonies

Analogous

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



CCCE02



74DF4D



00E898

Triad

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



74DF4D



00DCFF



FF7AA8

Complementary

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



74DF4D



B84DDF

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.



FF82F5



74DF4D



62C4FF

Square

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



74DF4D



00E7FF



F6A3FF



FF9360

Rectangle

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



74DF4D



00EBCD



F6A3FF



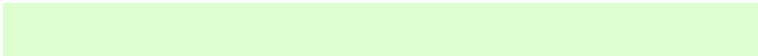
FF79C2

Sweetspot

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



74DF4D



DAFFCC



DFB64D



698061



000000



808080

Same Dimension

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



74DF4D



6BFF36



4DDF6D



687065



2FB000



0D3000

Inverse Universe

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



B84DDF



C936FF



DF4DBF



6D6570



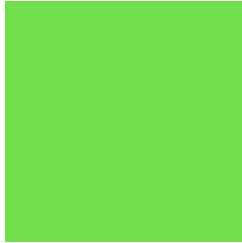
8100B0



240030

Previews

White Background



This preview shows how the Hex color 74DF4D looks on a white background.

Color Contrast Check

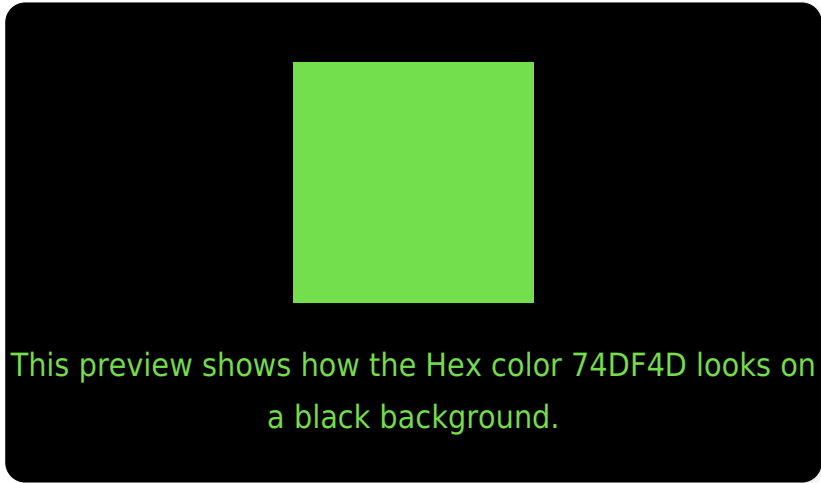
Large Text (above 18pt) WCAG AA × Fail

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

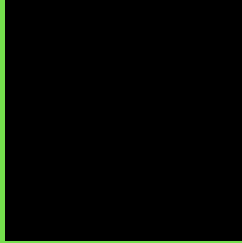
Any Text WCAG AA ✓ Pass

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 74DF4D Background



This preview shows how black text looks on a background with the Hex color 74DF4D.

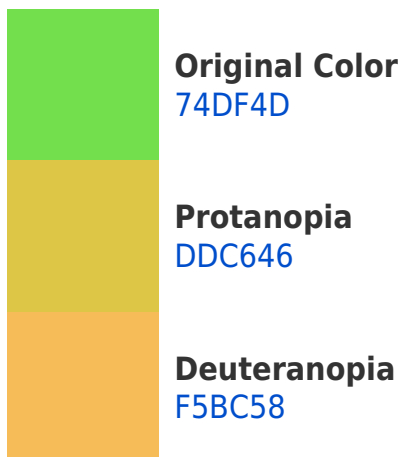


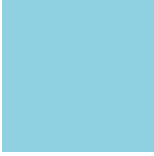
This preview shows how white text looks on a background with the Hex color 74DF4D.

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
8FD1E1

Trichromacy



Original Color

74DF4D



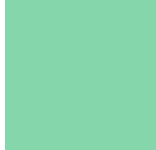
Protanomaly

B7CF49



Deuteranomaly

C6C954



Tritanomaly

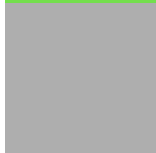
85D6AB

Monochromacy



Original Color

74DF4D



Achromatopsia

AEAEAE



Achromatomaly

99C08B

CSS Examples

Text

The CSS property to change the color of the text to Hex 74DF4D 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 #74DF4D looks like.

```
.text, #text, p{  
    color:#74DF4D  
}
```

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 #74DF4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74DF4D
}
```

Border

The CSS property to change the border of an element to Hex 74DF4D 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
#74DF4D }
```

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

```
.border{ border-color:#74DF4D }
```

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

Here you see how a box with a 4 pixel #74DF4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74DF4D; -webkit-box-shadow:4px 4px  
4px 4px #74DF4D; box-shadow:4px 4px 4px  
4px #74DF4D }
```

Background

The CSS property to change the background color of an element to Hex 74DF4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74DF4D }
```

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

```
.background{ background-color:#74DF4D }
```

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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