

Converting Colors

Hex(74F640)

Have a look what the booklet for
Hex(74F640) contains.

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Color

Hex(74F640)

Conversions

Conversions Part 1

Format	Color
Hex	74F640
RGB	116, 246, 64
RGB Percent	45%, 96%, 25%
CMY	0.5451, 0.0353, 0.7490
CMYK	0.53, 0.00, 0.74, 0.04
HSL	103°, 91%, 61%
HSV	103°, 74%, 96%
XYZ	41.0836, 69.9947, 16.1955
YIQ	186.3820, -19.0580, -84.1620

Conversions

Conversions Part 2

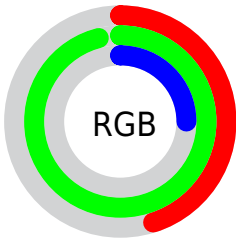
Format	Color
RYB	64, 246, 194
Decimal	7665216
CIELab	86.99, -65.89, 71.61
CIELCh	87, 97.312, 132.620
Yxy	69.9947, 0.3228, 0.5500
Android (android.graphics.Color)	4285855296 (0xFF74F640)
YUV	186.3820, -60.3343, -61.7250
Hunter-Lab	83.6628, -58.7554, 47.0866

Details

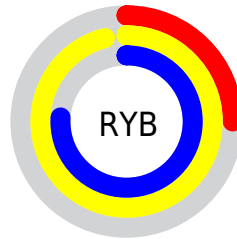
The Hex color **74F640** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **C240F6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B2FF7B**, and **2CBD00** is the 20% darker color. If you saturate the color by 10%, you get **62F627**, and if you desaturate by 10%, it is **86F659**.

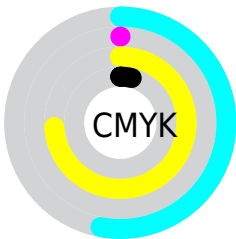
Distribution



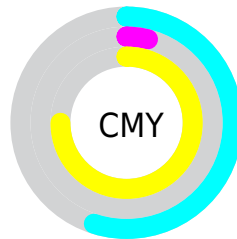
- Red (45%)
- Green (96%)
- Blue (25%)



- Red (25%)
- Yellow (96%)
- Blue (76%)



- Cyan (53%)
- Magenta (0%)
- Yellow (74%)
- Black (4%)



- Cyan (55%)
- Magenta (4%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74F640 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 74F640 by changing the saturation by 10% instead.

 74F640

 74F640

FFFFFF

 53D91C

 B2FF7B

 2CBD00

 D1FF98

 00A100

 EFFF84

 008600

 FFFF82

 006B00

 FFFF82

 005100

 003900

 002000

 000000

 74F640

 74F640

 62F627

 86F659

 51F60F

 97F671

 46F600

 A9F68A

 BAF6A2

 CCF6BB

 DDF6D4

 EFF6EC

 FFF6FF

Harmonies

Analogous

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



E0E200



74F640



00FF9F

Triad

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



74F640



00F3FF



FF76B7

Complementary

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



74F640



C240F6

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.



FF82FF



74F640



31D8FF

Square

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



74F640



00FFFF



FFAEFF



FF975F

Rectangle

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



74F640



00FFE0



FFAEFF



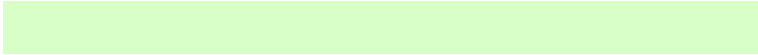
FF74D6

Sweetspot

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



74F640



D7FFC7



F6BF40



68805E



000000



808080

Same Dimension

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



74F640



5DFF1C



40F664



727A6E



35BA00



113B00

Inverse Universe

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



C240F6



BE1CFF



F640D2



776E7A



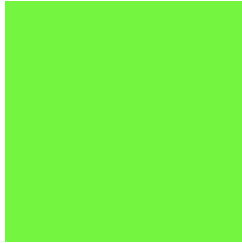
8500BA



2A003B

Previews

White Background



This preview shows how the Hex color 74F640 looks on a white background.

Color Contrast Check

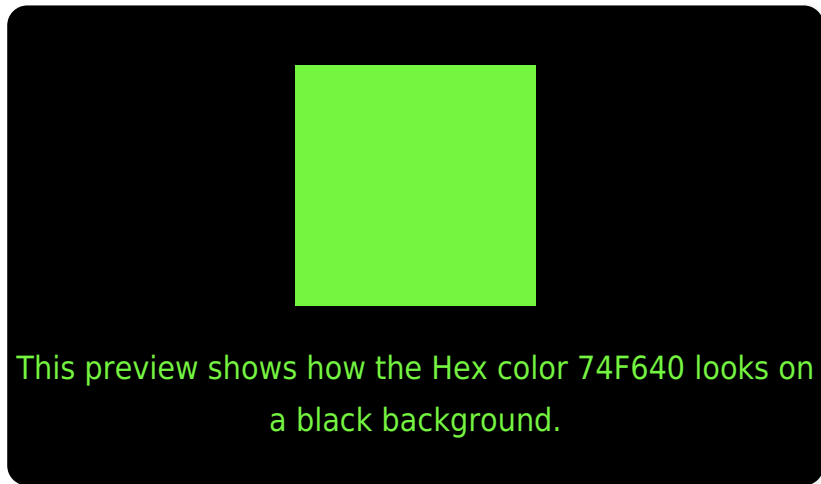
Large Text (above 18pt) WCAG AA × Fail

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

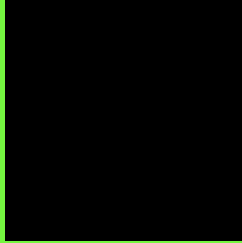
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

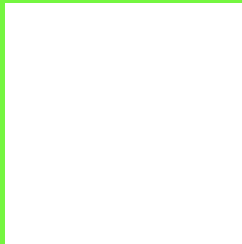
Any Text WCAG AAA ✓ Pass

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

Hex 74F640 Background



This preview shows how black text looks on a background with the Hex color 74F640.

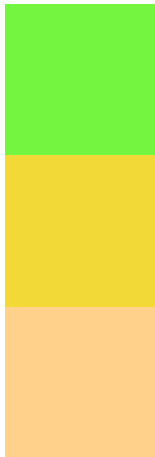


This preview shows how white text looks on a background with the Hex color 74F640.

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](#).

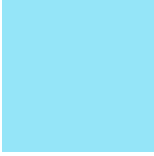
Dichromacy



Original Color
74F640

Protanopia
F3D938

Deuteranopia
FFD18B



Tritanopia
95E5F8

Trichromacy



Original Color

74F640



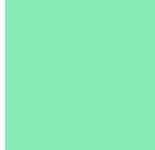
Protanomaly

C5E43B



Deuteranomaly

CCDE70



Tritanomaly

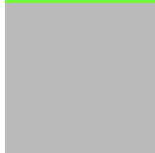
89EBB5

Monochromacy



Original Color

74F640



Achromatopsia

BABABA



Achromatomaly

A1D08E

CSS Examples

Text

The CSS property to change the color of the text to Hex 74F640 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 #74F640 looks like.

```
.text, #text, p{  
    color:#74F640  
}
```

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 #74F640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74F640
}
```

Border

The CSS property to change the border of an element to Hex 74F640 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
#74F640 }
```

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

```
.border{ border-color:#74F640 }
```

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

Here you see how a box with a 4 pixel #74F640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74F640; -webkit-box-shadow:4px 4px  
4px 4px #74F640; box-shadow:4px 4px 4px  
4px #74F640 }
```

Background

The CSS property to change the background color of an element to Hex 74F640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74F640 }
```

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

```
.background{ background-color:#74F640 }
```

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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