

# Converting Colors

Hex(75F4F7)

Have a look what the booklet for  
Hex(75F4F7) contains.

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# **Color**

**Hex(75F4F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75F4F7
RGB	117, 244, 247
RGB Percent	46%, 96%, 97%
CMY	0.5412, 0.0431, 0.0314
CMYK	0.53, 0.01, 0.00, 0.03
HSL	181°, 89%, 71%
HSV	181°, 53%, 97%
XYZ	56.4753, 75.1987, 99.5339
YIQ	206.3690, -76.6550, -25.9910

# Conversions

## Conversions Part 2

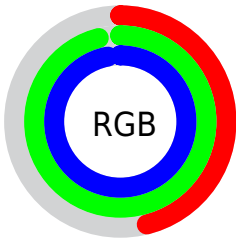
Format	Color
R <sub>Y</sub> B	117, 181, 247
Decimal	7730423
CIE Lab	89.49, -34.33, -12.23
CIE LCh	89, 36.446, 199.609
Yxy	75.1987, 0.2443, 0.3252
Android (android.graphics.Color)	4285920503 (0xFF75F4F7)
YUV	206.3690, 20.0311, -78.3766
Hunter-Lab	86.7172, -35.5054, -7.3510

# Details

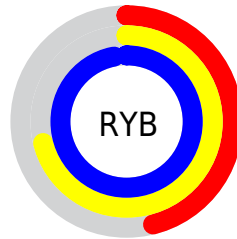
The Hex color **75F4F7** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F77875**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B2FFFF**, and **2FBBBF** is the 20% darker color. If you saturate the color by 10%, you get **5CF3F7**, and if you desaturate by 10%, it is **8EF5F7**.

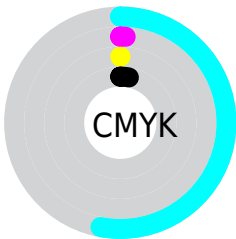
# Distribution



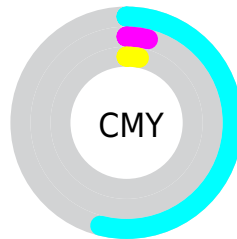
- Red (46%)
- Green (96%)
- Blue (97%)



- Red (46%)
- Yellow (71%)
- Blue (97%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (54%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75F4F7 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 75F4F7 by changing the saturation by 10% instead.



 75F4F7

 75F4F7

FFFFFF

 55D7DB

 B2FFFF

 2FB8BF

 D1FFFF

 00A0A4

 EFFFFFF

 008589

 006C70

 005358

 003B40

 00262A

 000117

 75F4F7

 75F4F7

 5CF3F7

 8EF5F7

 44F3F7

 A6F5F7

 2BF2F7

 BFF6F7

 12F2F7

 D8F6F7

 00F1F7

 F1F7F7

 FFF7F7

 FFF8F7

 FFF9F7

# Harmonies

## Analogous

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



92F3D3



75F4F7



79F0FF

# Triad

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



75F4F7



FFD0FF



FFDB9D

# Complementary

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



75F4F7



F77875

# 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.



FFCFAD



75F4F7



FFC8EF

# Square

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



75F4F7



D5DCFF



FFC8CB



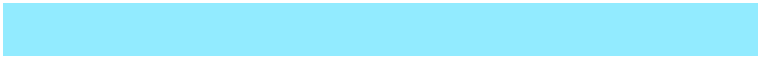
E2E69F

# Rectangle

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



75F4F7



92EBFF



FFC8CB



FFD7A0



# Sweetspot

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



75F4F7



D6FEFF



75F777



677F80



000000



808080



# Same Dimension

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



75F4F7



5EFBFF



75B4F7



6E7A7A



00B6BA



00393B



# Inverse Universe

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



F775F4



FF5EFB



F7B875



7A6E7A



BA00B6

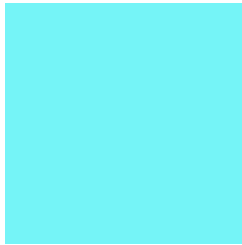


3B0039



# Previews

## White Background



This preview shows how the Hex color 75F4F7 looks on a white background.

## Color Contrast Check

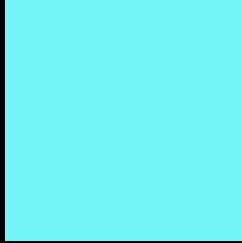
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 75F4F7 looks on a 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 75F4F7 Background



This preview shows how black text looks on a background with the Hex color 75F4F7.

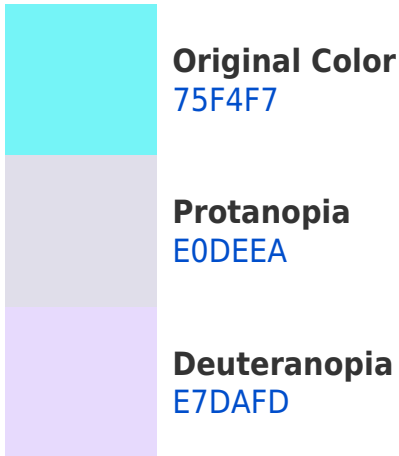


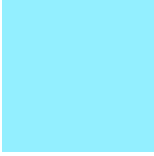
This preview shows how white text looks on a background with the Hex color 75F4F7.

# 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



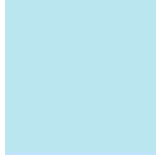


**Tritanopia**  
93EFFF

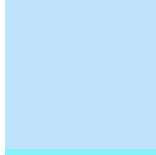
# Trichromacy



**Original Color**  
75F4F7



**Protanomaly**  
B9E6EF



**Deuteranomaly**  
BEE3FB

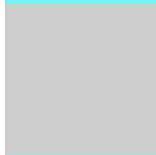


**Tritanomaly**  
88F1FC

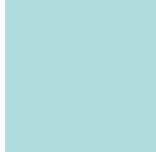
# Monochromacy



**Original Color**  
75F4F7



**Achromatopsia**  
CECECE



**Achromatomaly**  
AEDCDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75F4F7 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 #75F4F7 looks like.

```
.text, #text, p{  
    color:#75F4F7  
}
```

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 #75F4F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F4F7
}
```

## Border

The CSS property to change the border of an element to Hex 75F4F7 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
#75F4F7 }
```

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

```
.border{ border-color:#75F4F7 }
```

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

Here you see how a box with a 4 pixel #75F4F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F4F7; -webkit-box-shadow:4px 4px  
4px 4px #75F4F7; box-shadow:4px 4px 4px  
4px #75F4F7 }
```

# Background

The CSS property to change the background color of an element to Hex 75F4F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F4F7 }
```

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

```
.background{ background-color:#75F4F7 }
```

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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