

# Converting Colors

Hex(75F0A4)

Have a look what the booklet for  
Hex(75F0A4) contains.

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**Color**

**Hex(75F0A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75F0A4
RGB	117, 240, 164
RGB Percent	46%, 94%, 64%
CMY	0.5412, 0.0588, 0.3569
CMYK	0.51, 0.00, 0.32, 0.06
HSL	143°, 80%, 70%
HSV	143°, 51%, 94%
XYZ	45.1970, 68.7824, 46.0162
YIQ	194.5590, -48.9120, -49.7120

# Conversions

## Conversions Part 2

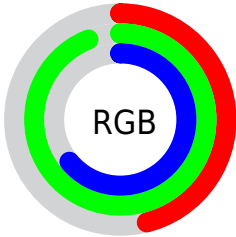
Format	Color
<a href="#">RYB</a>	<a href="#">117, 206, 240</a>
Decimal	<a href="#">7729316</a>
CIELab	<a href="#">86.40, -51.10, 26.46</a>
CIELCh	<a href="#">86, 57.540, 152.626</a>
Yxy	<a href="#">68.7824, 0.2825, 0.4299</a>
Android (android.graphics.Color)	<a href="#">4285919396 (0xFF75F0A4)</a>
YUV	<a href="#">194.5590, -15.0656, -68.0192</a>
Hunter-Lab	<a href="#">82.9352, -47.8597, 25.1579</a>

# Details

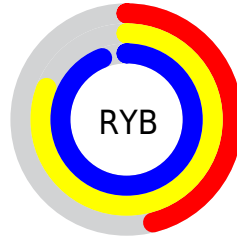
The Hex color **75F0A4** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F075C1**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B0FFDB**, and **36B770** is the 20% darker color. If you saturate the color by 10%, you get **5DF095**, and if you desaturate by 10%, it is **8DF0B3**.

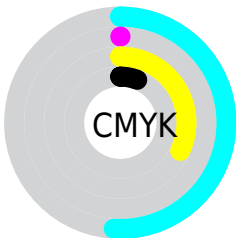
# Distribution



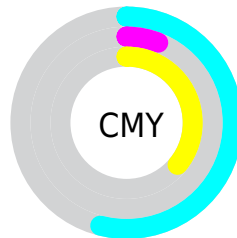
- Red (46%)
- Green (94%)
- Blue (64%)



- Red (46%)
- Yellow (81%)
- Blue (94%)



- Cyan (51%)
- Magenta (0%)
- Yellow (32%)
- Black (6%)



- Cyan (54%)
- Magenta (6%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75F0A4 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 75F0A4 by changing the saturation by 10% instead.



 75F0A4

 75F0A4

FFFFFF

 57D389

 B0FFDB

 36B770

 CDFFF8

 009C57

 EBFFFF

 00813F

 006728

 004E11

 003600

 001E00

 000000

 75F0A4

 75F0A4

 5DF095

 8DF0B3

 45F086

 A5F0C2

 2DF078

 BDF0D0

 15F069

 D5F0DF

 00F05C

 EDF0EE

 FFF0FD

 FFF0FF

# Harmonies

## Analogous

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



BCE679



75F0A4



00F4DB

# Triad

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



75F0A4



84DCFF



FFB1A0

# Complementary

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



75F0A4



F075C1

# 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.



FFABD6



75F0A4



E3C8FF

# Square

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



75F0A4



00EBFF



FFB4FF



FFC378

# Rectangle

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



75F0A4



00F4FF



FFB4FF



FFADB1

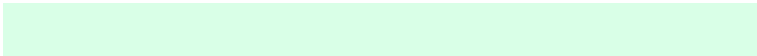


# Sweetspot

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



75F0A4



D9FFE7



C3F075



698071



000000



808080



# Same Dimension

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



75F0A4



61FF9D



75F0E0



6C7870



00B846



003815



# Inverse Universe

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



F075C1



FF61C3



F07585



786C73



B80071

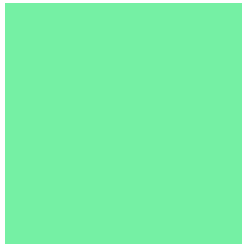


380023



# Previews

## White Background



This preview shows how the Hex color 75F0A4 looks on a white background.

## Color Contrast Check

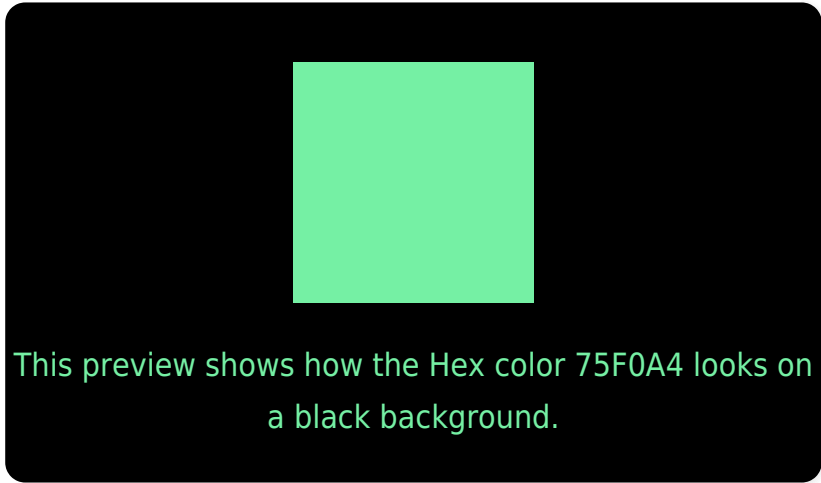
Large Text (above 18pt) WCAG AA × Fail

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

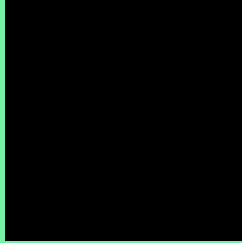
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75F0A4 Background



This preview shows how black text looks on a background with the Hex color 75F0A4.

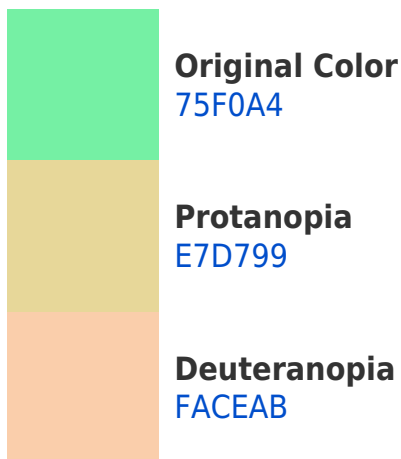


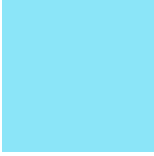
This preview shows how white text looks on a background with the Hex color 75F0A4.

# 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**  
8BE5F8

# Trichromacy



**Original Color**  
75F0A4



**Protanomaly**  
BEE09D



**Deuteranomaly**  
CADAA8



**Tritanomaly**  
83E9D9

# Monochromacy



**Original Color**  
75F0A4



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A7D3B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75F0A4 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 #75F0A4 looks like.

```
.text, #text, p{  
    color:#75F0A4  
}
```

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 #75F0A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F0A4
}
```

## Border

The CSS property to change the border of an element to Hex 75F0A4 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
#75F0A4 }
```

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

```
.border{ border-color:#75F0A4 }
```

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

Here you see how a box with a 4 pixel #75F0A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F0A4; -webkit-box-shadow:4px 4px  
4px 4px #75F0A4; box-shadow:4px 4px 4px  
4px #75F0A4 }
```

# Background

The CSS property to change the background color of an element to Hex 75F0A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F0A4 }
```

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

```
.background{ background-color:#75F0A4 }
```

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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