

Converting Colors

Hex(75F0D6)

Have a look what the booklet for
Hex(75F0D6) contains.

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Color

Hex(75F0D6)

Conversions

Conversions Part 1

Format	Color
Hex	75F0D6
RGB	117, 240, 214
RGB Percent	46%, 94%, 84%
CMY	0.5412, 0.0588, 0.1608
CMYK	0.51, 0.00, 0.11, 0.06
HSL	167°, 80%, 70%
HSV	167°, 51%, 94%
XYZ	50.6338, 70.9571, 74.6457
YIQ	200.2590, -64.9620, -34.1620

Conversions

Conversions Part 2

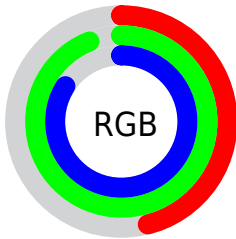
Format	Color
RYB	117, 186, 240
Decimal	7729366
CIELab	87.46, -40.64, 2.04
CIELCh	87, 40.692, 177.133
Yxy	70.9571, 0.2580, 0.3616
Android (android.graphics.Color)	4285919446 (0xFF75F0D6)
YUV	200.2590, 6.7743, -73.0181
Hunter-Lab	84.2361, -40.1178, 6.4254

Details

The Hex color **75F0D6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F0758F**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **B0FFFF**, and **34B79F** is the 20% darker color. If you saturate the color by 10%, you get **5DF0D1**, and if you desaturate by 10%, it is **8DF0DB**.

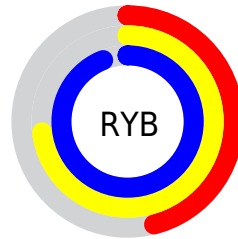
Distribution



Red (46%)

Green (94%)

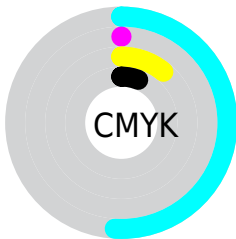
Blue (84%)



Red (46%)

Yellow (73%)

Blue (94%)

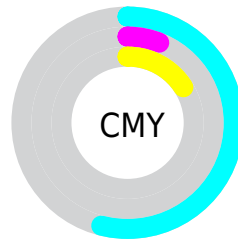


Cyan (51%)

Magenta (0%)

Yellow (11%)

Black (6%)



Cyan (54%)

Magenta (6%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75F0D6 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 75F0D6 by changing the saturation by 10% instead.

 75F0D6

 75F0D6

FFFFFF

 56D3BA

 B0FFFF

 34B79F

 CEFFFF

 009C85

 ECFFFF

 00816C

 006854

 004F3D

 003727

 002213

 000000

 75F0D6

 75F0D6

 5DF0D1

 8DF0DB

 45F0CC

 A5F0E0

 2DF0C7

 BDF0E5

 15F0C2

 D5F0EA

 00F0BD

 EDF0EF

 FFF0F4

 FFF0FA

 FFF0FF

Harmonies

Analogous

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



A4ECB0



75F0D6



53F0FD

Triad

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



75F0D6



DBD3FF



FFCA9C

Complementary

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



75F0D6



F0758F

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.



FFC0BA



75F0D6



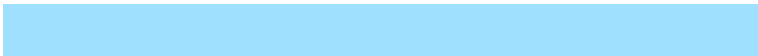
FFC5FF

Square

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



75F0D6



A0E0FF



FFBEE0



F9D88E

Rectangle

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



75F0D6



59EDFF



FFBEE0



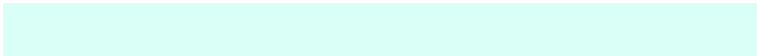
FFC6A4

Sweetspot

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



75F0D6



D9FFF7



90F075



69807B



000000



808080

Same Dimension

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



75F0D6



61FFDE



75CDF0



6C7875



00B891



00382C

Inverse Universe

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



F0758F



FF6182



F09875



786C6E



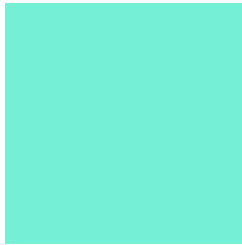
B80027



38000C

Previews

White Background



This preview shows how the Hex color 75F0D6 looks on a white background.

Color Contrast Check

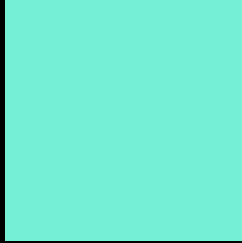
Large Text (above 18pt) WCAG AA × Fail

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 75F0D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

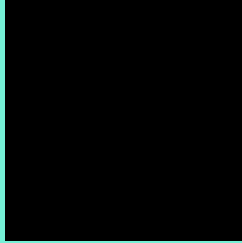
Any Text WCAG AA ✓ Pass

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 75F0D6 Background



This preview shows how black text looks on a background with the Hex color 75F0D6.

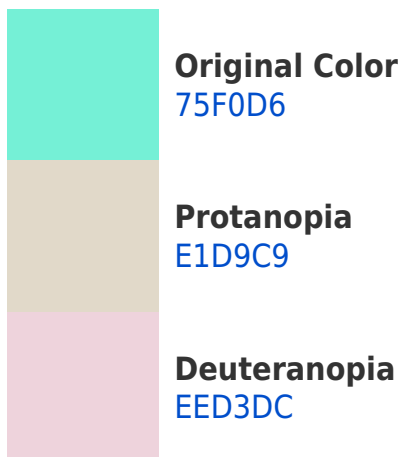


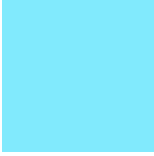
This preview shows how white text looks on a background with the Hex color 75F0D6.

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
81EAFD

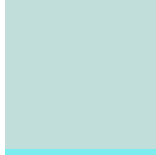
Trichromacy



Original Color
75F0D6



Protanomaly
BAE1CE



Deuteranomaly
C2DEDA

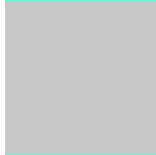


Tritanomaly
7DECEF

Monochromacy



Original Color
75F0D6



Achromatopsia
C8C8C8



Achromatomaly
AAD7CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 75F0D6 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 #75F0D6 looks like.

```
.text, #text, p{  
    color:#75F0D6  
}
```

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 #75F0D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F0D6
}
```

Border

The CSS property to change the border of an element to Hex 75F0D6 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
#75F0D6 }
```

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

```
.border{ border-color:#75F0D6 }
```

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

Here you see how a box with a 4 pixel #75F0D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F0D6; -webkit-box-shadow:4px 4px  
4px 4px #75F0D6; box-shadow:4px 4px 4px  
4px #75F0D6 }
```

Background

The CSS property to change the background color of an element to Hex 75F0D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F0D6 }
```

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

```
.background{ background-color:#75F0D6 }
```

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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