

Converting Colors

Hex(76EFC4)

Have a look what the booklet for
Hex(76EFC4) contains.

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Color

Hex(76EFC4)

Conversions

Conversions Part 1

Format	Color
Hex	76EFC4
RGB	118, 239, 196
RGB Percent	46%, 94%, 77%
CMY	0.5373, 0.0627, 0.2314
CMYK	0.51, 0.00, 0.18, 0.06
HSL	159°, 79%, 70%
HSV	159°, 51%, 94%
XYZ	48.3015, 69.5701, 63.1072
YIQ	197.9190, -58.3130, -39.0250

Conversions

Conversions Part 2

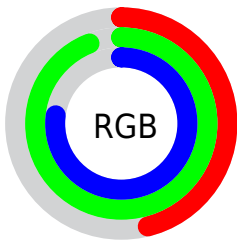
Format	Color
RYB	118, 192, 239
Decimal	7794628
CIELab	86.79, -44.04, 10.47
CIELCh	87, 45.263, 166.632
Yxy	69.5701, 0.2669, 0.3844
Android (android.graphics.Color)	4285984708 (0xFF76EFC4)
YUV	197.9190, -0.9461, -70.0890
Hunter-Lab	83.4087, -42.5968, 13.5271

Details

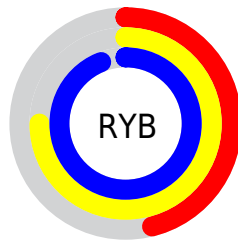
The Hex color **76EFC4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF76A1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B1FFFD**, and **37B68E** is the 20% darker color. If you saturate the color by 10%, you get **5EEFBC**, and if you desaturate by 10%, it is **8EEFCC**.

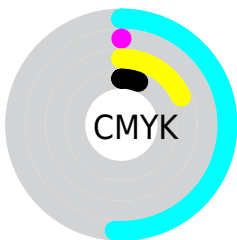
Distribution



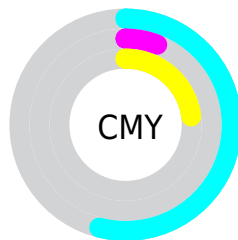
- Red (46%)
- Green (94%)
- Blue (77%)



- Red (46%)
- Yellow (75%)
- Blue (94%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (54%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76EFC4 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 76EFC4 by changing the saturation by 10% instead.

 76EFC4

FFFFFF

 B1FFFD


 CEFFFF

 ECFFFF

 76EFC4

 58D2A9

 37B68E

 019B75

 00805C

 006644

 004D2E

 003519

 002000

 000000

 76EFC4

 76EFC4

 5EEFBC

 8EEFCC

 46EFB3

 A6EFD5

 2EEFAB

 BEEFDD

 16EFA2

 D6EFE6

 00EF9A

 EDEFEE

 FFEFF7

 FFEFFF

Harmonies

Analogous

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



ADE99D



76EFC4



36F0F0

Triad

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



76EFC4



C2D5FF



FFC29D

Complementary

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



76EFC4



EF76A1

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.



FFB8C3



76EFC4



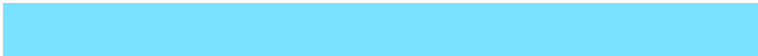
FCC6FF

Square

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



76EFC4



79E3FF



FFBAEE



FFD086

Rectangle

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



76EFC4



1AE EFF



FFBAEE



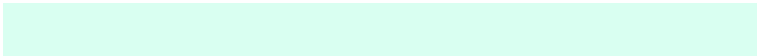
FFBEA8

Sweetspot

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



76EFC4



D9FFF1



A2EF76



698077



000000



808080

Same Dimension

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



76EFC4



63FFC8



76DFEF



6C7874



00B876



003824

Inverse Universe

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



EF76A1



FF639B



EF8676



786C70



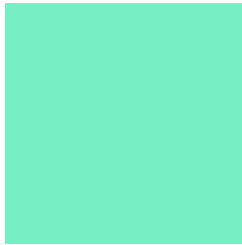
B80041



380014

Previews

White Background



This preview shows how the Hex color 76EFC4 looks on a white background.

Color Contrast Check

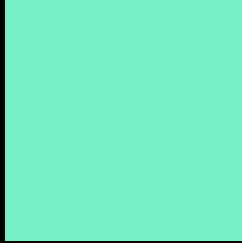
Large Text (above 18pt) WCAG AA × Fail

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 76EFC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

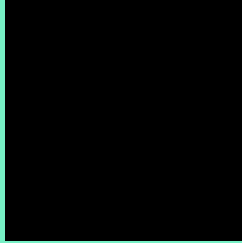
Any Text WCAG AA ✓ Pass

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 76EFC4 Background



This preview shows how black text looks on a background with the Hex color 76EFC4.

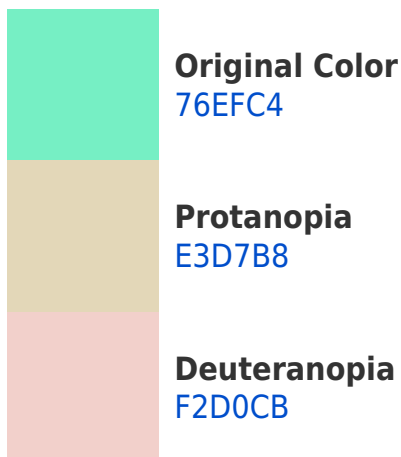


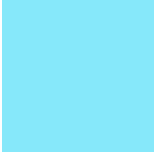
This preview shows how white text looks on a background with the Hex color 76EFC4.

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
86E8FA

Trichromacy



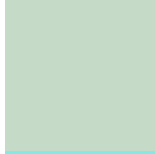
Original Color

76EFC4



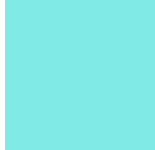
Protanomaly

BBE0BC



Deuteranomaly

C5DBC8



Tritanomaly

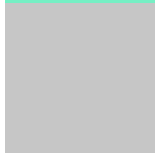
80EBE6

Monochromacy



Original Color

76EFC4



Achromatopsia

C6C6C6



Achromatomaly

A9D5C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 76EFC4 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 #76EFC4 looks like.

```
.text, #text, p{  
    color:#76EFC4  
}
```

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 #76EFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76EFC4 }  
}
```

Border

The CSS property to change the border of an element to Hex 76EFC4 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 #76EFC4 }  
}
```

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

```
.border{ border-color:#76EFC4 }
```

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

Here you see how a box with a 4 pixel #76EFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76EFC4; -webkit-box-shadow:4px 4px  
4px 4px #76EFC4; box-shadow:4px 4px 4px  
4px #76EFC4 }
```

Background

The CSS property to change the background color of an element to Hex 76EFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76EFC4 }
```

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

```
.background{ background-color:#76EFC4 }
```

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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