

Converting Colors

Hex(7CF4B0)

Have a look what the booklet for
Hex(7CF4B0) contains.

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Color

Hex(7CF4B0)

Conversions

Conversions Part 1

Format	Color
Hex	7CF4B0
RGB	124, 244, 176
RGB Percent	49%, 96%, 69%
CMY	0.5137, 0.0431, 0.3098
CMYK	0.49, 0.00, 0.28, 0.04
HSL	146°, 85%, 72%
HSV	146°, 49%, 96%
XYZ	48.4993, 72.1210, 52.4389
YIQ	200.3680, -49.6920, -46.5880

Conversions

Conversions Part 2

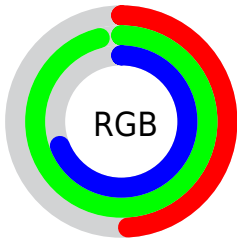
Format	Color
RYB	124, 208, 244
Decimal	8189104
CIELab	88.03, -48.84, 22.59
CIELCh	88, 53.813, 155.182
Yxy	72.1210, 0.2802, 0.4167
Android (android.graphics.Color)	4286379184 (0xFF7CF4B0)
YUV	200.3680, -12.0134, -66.9747
Hunter-Lab	84.9241, -46.6776, 22.8365

Details

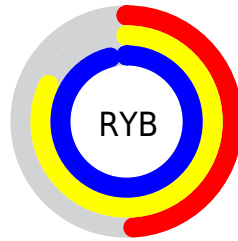
The Hex color **7CF4B0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F47CC0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B6FFE8**, and **3FBB7B** is the 20% darker color. If you saturate the color by 10%, you get **64F4A2**, and if you desaturate by 10%, it is **94F4BE**.

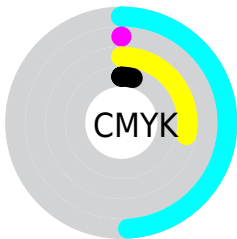
Distribution



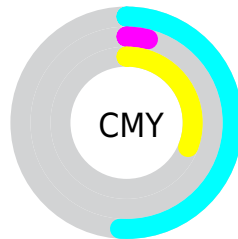
- Red (49%)
- Green (96%)
- Blue (69%)



- Red (49%)
- Yellow (82%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CF4B0 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 7CF4B0 by changing the saturation by 10% instead.

 7CF4B0

 7CF4B0

FFFFFF

 5ED795

 B6FFE8

 3FBB7B

 D4FFFF

 169F62

 F2FFFF

 00854A

 006B33

 00511C

 003905

 002300

 000000

 7CF4B0

 7CF4B0

 64F4A2

 94F4BE

 4BF494

 ADF4CC

 33F487

 C5F4D9

 1AF479

 DEF4E7

 02F46B

 F6F4F5

 00F46A

 FFF4FF

Harmonies

Analogous

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



BEEB87



7CF4B0



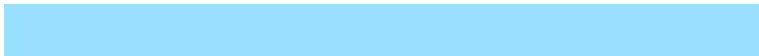
00F8E4

Triad

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



7CF4B0



9BDFFF



FFBAA4

Complementary

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



7CF4B0



F47CC0

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.



FFB3D6



7CF4B0



EDCCFF

Square

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



7CF4B0



00EEFF



FFBAFF



FFCB80

Rectangle

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



7CF4B0



00F7FF



FFBAFF



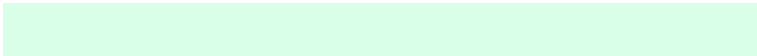
FFB6B4

Sweetspot

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



7CF4B0



D9FFE9



C0F47C



698072



000000



808080

Same Dimension

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



7CF4B0



69FFAA



7CF4EC



6E7A73



00BA51



003B19

Inverse Universe

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



F47CC0



FF69BE



F47C84



7A6E75



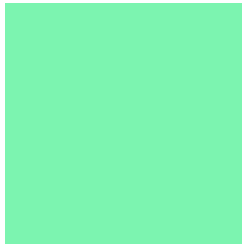
BA0069



3B0021

Previews

White Background



This preview shows how the Hex color 7CF4B0 looks on a white background.

Color Contrast Check

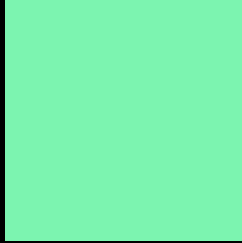
Large Text (above 18pt) WCAG AA × Fail

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 7CF4B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

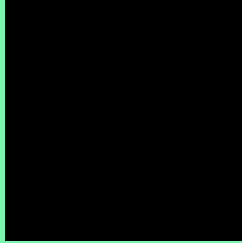
Any Text WCAG AA ✓ Pass

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 7CF4B0 Background



This preview shows how black text looks on a background with the Hex color 7CF4B0.

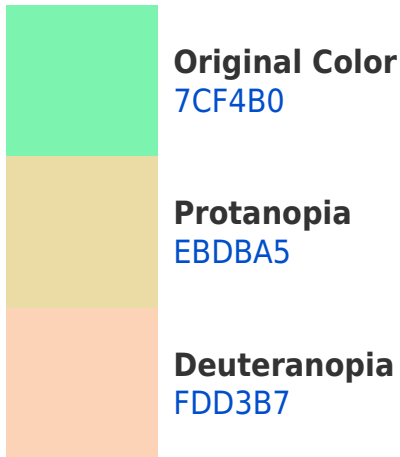


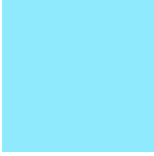
This preview shows how white text looks on a background with the Hex color 7CF4B0.

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



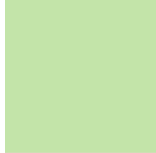


Tritanopia
90EAFD

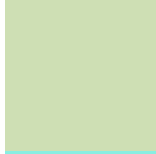
Trichromacy



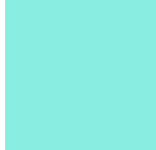
Original Color
7CF4B0



Protanomaly
C3E4A9

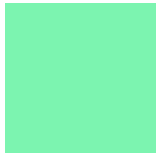


Deuteranomaly
CEDFB4

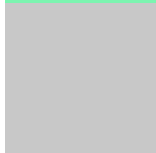


Tritanomaly
89EEE1

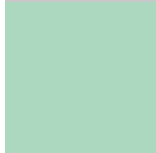
Monochromacy



Original Color
7CF4B0



Achromatopsia
C8C8C8



Achromatomaly
ACD8BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CF4B0 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 #7CF4B0 looks like.

```
.text, #text, p{  
    color:#7CF4B0  
}
```

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 #7CF4B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CF4B0
}
```

Border

The CSS property to change the border of an element to Hex 7CF4B0 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
#7CF4B0 }
```

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

```
.border{ border-color:#7CF4B0 }
```

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

Here you see how a box with a 4 pixel #7CF4B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CF4B0; -webkit-box-shadow:4px 4px  
4px 4px #7CF4B0; box-shadow:4px 4px 4px  
4px #7CF4B0 }
```

Background

The CSS property to change the background color of an element to Hex 7CF4B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CF4B0 }
```

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

```
.background{ background-color:#7CF4B0 }
```

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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