

Converting Colors

Hex(75F3B4)

Have a look what the booklet for
Hex(75F3B4) contains.

Hex(75F3B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75F3B4)

Conversions

Conversions Part 1

Format	Color
Hex	75F3B4
RGB	117, 243, 180
RGB Percent	46%, 95%, 71%
CMY	0.5412, 0.0471, 0.2941
CMYK	0.52, 0.00, 0.26, 0.05
HSL	150°, 84%, 71%
HSV	150°, 52%, 95%
XYZ	47.6249, 71.1784, 54.4087
YIQ	198.1440, -54.8730, -46.3050

Conversions

Conversions Part 2

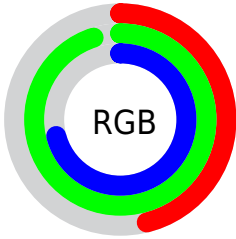
Format	Color
RYB	117, 201, 243
Decimal	7730100
CIELab	87.57, -49.30, 19.86
CIELCh	88, 53.148, 158.054
Yxy	71.1784, 0.2750, 0.4109
Android (android.graphics.Color)	4285920180 (0xFF75F3B4)
YUV	198.1440, -8.9450, -71.1633
Hunter-Lab	84.3673, -46.8803, 20.8208

Details

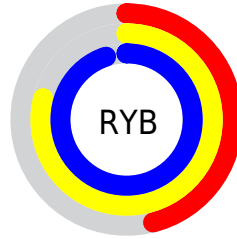
The Hex color **75F3B4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F375B4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B0FFEC**, and **35BA7F** is the 20% darker color. If you saturate the color by 10%, you get **5DF3A8**, and if you desaturate by 10%, it is **8DF3C0**.

Distribution



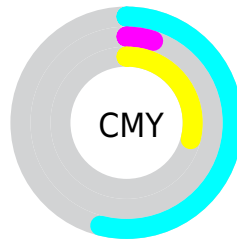
- Red (46%)
- Green (95%)
- Blue (71%)



- Red (46%)
- Yellow (79%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (54%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75F3B4 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 75F3B4 by changing the saturation by 10% instead.

 75F3B4

 75F3B4


FFFFFF

 57D699

 B0FFEC

 35BA7F

 CEFFFF

 009E66

 ECFFFF

 00844E

 006A36

 005020

 00380A

 002200

 000000

 75F3B4

 75F3B4

 5DF3A8

 8DF3C0

 44F39C

 A6F3CC

 2CF390

 BEF3D8

 14F383

 D6F3E5

 00F379

 EEF3F1

 FFF3FD

 FFF3FF

Harmonies

Analogous

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



B8EB8A



75F3B4



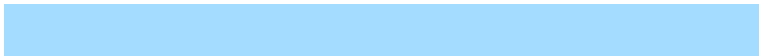
00F6E8

Triad

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



75F3B4



A4DCFF



FFBBA0

Complementary

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



75F3B4



F375B4

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.



FFB2D0



75F3B4



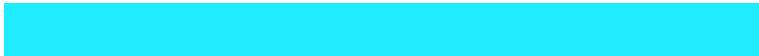
F2C9FF

Square

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



75F3B4



21EBFF



FFB8FF



FFCB7E

Rectangle

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



75F3B4



00F5FF



FFB8FF



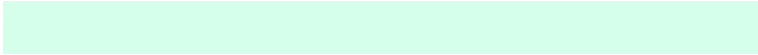
FFB7AF

Sweetspot

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



75F3B4



D6FFEB



B4F375



678073



000000



808080

Same Dimension

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



75F3B4



61FFB0



75F3F3



6E7A74



00BA5D



003B1D

Inverse Universe

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



F375B4



FF61B0



F37575



7A6E74



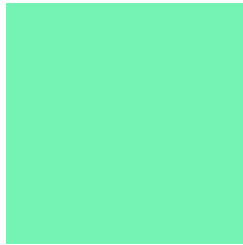
BA005D



3B001D

Previews

White Background



This preview shows how the Hex color 75F3B4 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

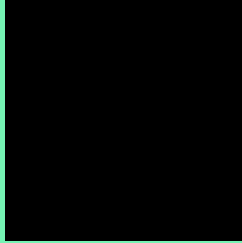
Any Text WCAG AA ✓ Pass

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 75F3B4 Background



This preview shows how black text looks on a background with the Hex color 75F3B4.

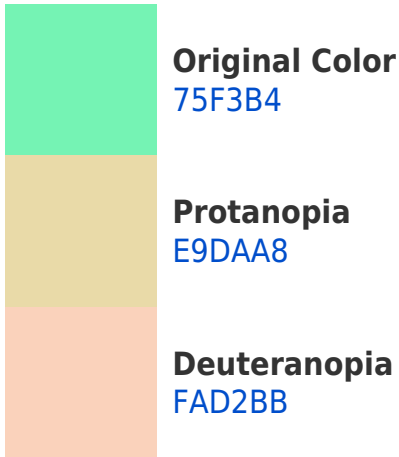


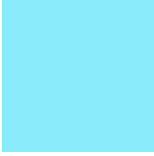
This preview shows how white text looks on a background with the Hex color 75F3B4.

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



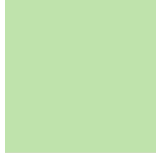


Tritanopia
89EAFC

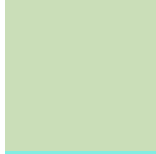
Trichromacy



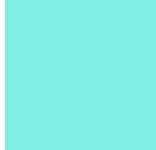
Original Color
75F3B4



Protanomaly
BFE3AC



Deuteranomaly
CADEB8

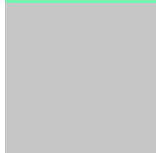


Tritanomaly
82EDE2

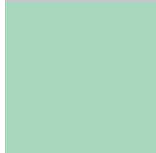
Monochromacy



Original Color
75F3B4



Achromatopsia
C6C6C6



Achromatomaly
A9D6BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 75F3B4 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 #75F3B4 looks like.

```
.text, #text, p{  
    color:#75F3B4  
}
```

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 #75F3B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F3B4
}
```

Border

The CSS property to change the border of an element to Hex 75F3B4 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
#75F3B4 }
```

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

```
.border{ border-color:#75F3B4 }
```

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

Here you see how a box with a 4 pixel #75F3B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F3B4; -webkit-box-shadow:4px 4px  
4px 4px #75F3B4; box-shadow:4px 4px 4px  
4px #75F3B4 }
```

Background

The CSS property to change the background color of an element to Hex 75F3B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F3B4 }
```

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

```
.background{ background-color:#75F3B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor