

Converting Colors

Hex(75F3B8)

Have a look what the booklet for
Hex(75F3B8) contains.

Hex(75F3B8)	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(75F3B8)

Conversions

Conversions Part 1

Format	Color
Hex	75F3B8
RGB	117, 243, 184
RGB Percent	46%, 95%, 72%
CMY	0.5412, 0.0471, 0.2784
CMYK	0.52, 0.00, 0.24, 0.05
HSL	152°, 84%, 71%
HSV	152°, 52%, 95%
XYZ	48.0384, 71.3438, 56.5862
YIQ	198.6000, -56.1570, -45.0610

Conversions

Conversions Part 2

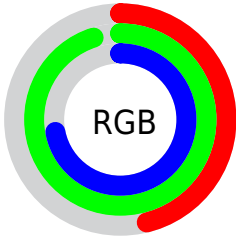
Format	Color
RYB	117, 199, 243
Decimal	7730104
CIELab	87.65, -48.50, 17.91
CIELCh	88, 51.699, 159.728
Yxy	71.3438, 0.2730, 0.4054
Android (android.graphics.Color)	4285920184 (0xFF75F3B8)
YUV	198.6000, -7.1978, -71.5632
Hunter-Lab	84.4652, -46.2948, 19.4052

Details

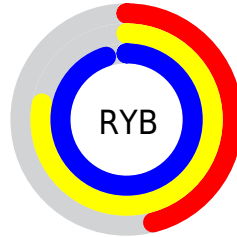
The Hex color **75F3B8** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F375B0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B0FFF0**, and **35BA83** is the 20% darker color. If you saturate the color by 10%, you get **5DF3AD**, and if you desaturate by 10%, it is **8DF3C3**.

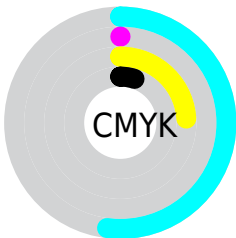
Distribution



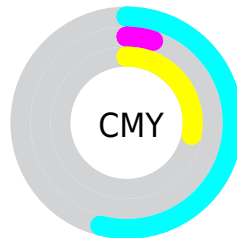
- Red (46%)
- Green (95%)
- Blue (72%)



- Red (46%)
- Yellow (78%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)



- Cyan (54%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75F3B8 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 75F3B8 by changing the saturation by 10% instead.

 75F3B8

 75F3B8

FFFFFF

 57D69D

 B0FFF0

 35BA83

 CEFFFF

 009E6A

 ECFFFF

 008451

 006A3A

 005024

 00380F

 002200

 000000

 75F3B8

 75F3B8

 5DF3AD

 8DF3C3

 44F3A1

 A6F3CF

 2CF396

 BEF3DA

 14F38A

 D6F3E6

 00F381

 EEF3F1

 FFF3FC

 FFF3FF

Harmonies

Analogous

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



B6EB8E



75F3B8



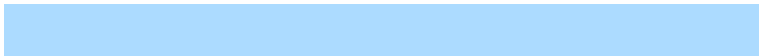
00F6EB

Triad

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



75F3B8



ACDBFF



FFBD9F

Complementary

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



75F3B8



F375B0

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.



FFB4CD



75F3B8



F6C9FF

Square

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



75F3B8



40EAFF



FFB9FF



FFCD80

Rectangle

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



75F3B8



00F4FF



FFB9FF



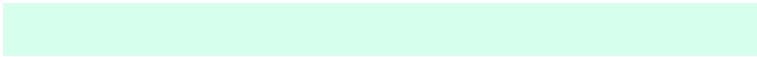
FFB9AE

Sweetspot

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



75F3B8



D6FFEC



B2F375



678074



000000



808080

Same Dimension

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



75F3B8



61FFB5



75F1F3



6E7A75



00BA63



003B1F

Inverse Universe

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



F375B0



FF61AB



F37775



7A6E74



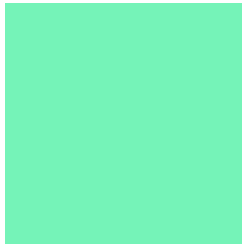
BA0057



3B001B

Previews

White Background



This preview shows how the Hex color 75F3B8 looks on a white background.

Color Contrast Check

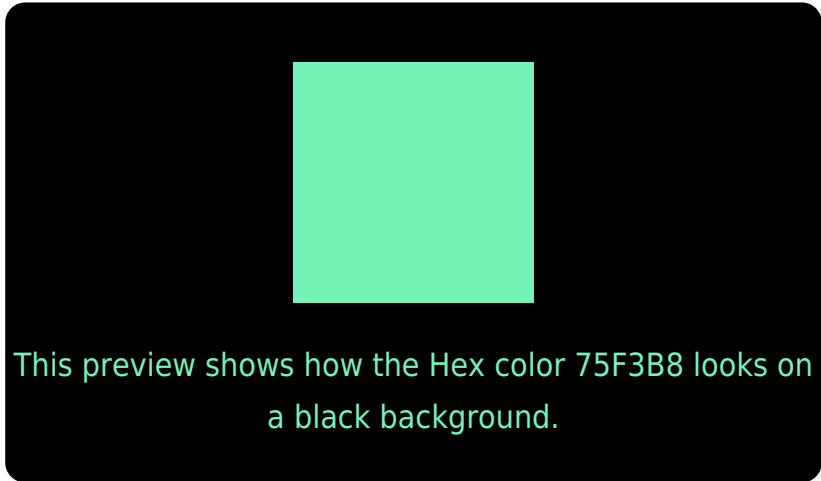
Large Text (above 18pt) WCAG AA × Fail

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

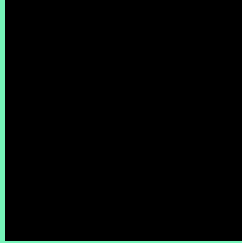
Any Text WCAG AA ✓ Pass

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 75F3B8 Background



This preview shows how black text looks on a background with the Hex color 75F3B8.

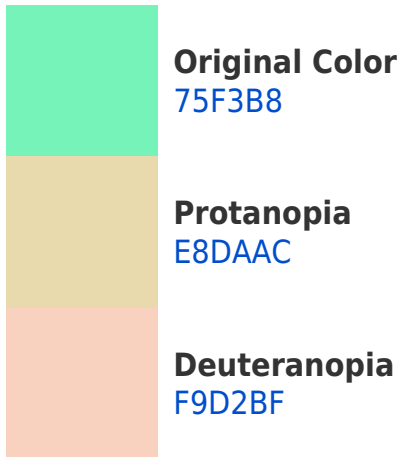


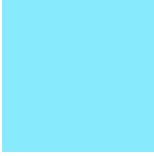
This preview shows how white text looks on a background with the Hex color 75F3B8.

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



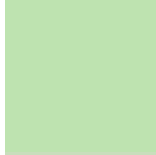


Tritanopia
88EAFD

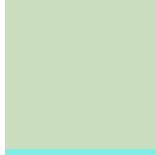
Trichromacy



Original Color
75F3B8



Protanomaly
BEE3B0



Deuteranomaly
C9DEBC

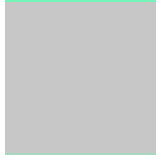


Tritanomaly
81EDE4

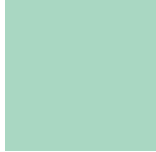
Monochromacy



Original Color
75F3B8



Achromatopsia
C7C7C7



Achromatomaly
A9D7C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 75F3B8 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 #75F3B8 looks like.

```
.text, #text, p{  
    color:#75F3B8  
}
```

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 #75F3B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F3B8  
}
```

Border

The CSS property to change the border of an element to Hex 75F3B8 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  
#75F3B8 }
```

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

```
.border{ border-color:#75F3B8 }
```

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

Here you see how a box with a 4 pixel #75F3B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F3B8; -webkit-box-shadow:4px 4px  
4px 4px #75F3B8; box-shadow:4px 4px 4px  
4px #75F3B8 }
```

Background

The CSS property to change the background color of an element to Hex 75F3B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F3B8 }
```

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

```
.background{ background-color:#75F3B8 }
```

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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