

Converting Colors

Hex(75FAE2)

Have a look what the booklet for
Hex(75FAE2) contains.

Hex(75FAE2)	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(75FAE2)

Conversions

Conversions Part 1

Format	Color
Hex	75FAE2
RGB	117, 250, 226
RGB Percent	46%, 98%, 89%
CMY	0.5412, 0.0196, 0.1137
CMYK	0.53, 0.00, 0.10, 0.02
HSL	169°, 93%, 72%
HSV	169°, 53%, 98%
XYZ	55.2492, 77.6441, 84.0264
YIQ	207.4970, -71.5640, -35.6600

Conversions

Conversions Part 2

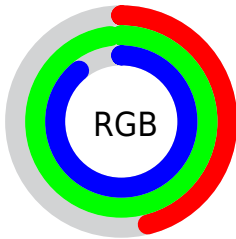
Format	Color
RYB	117, 190, 250
Decimal	7731938
CIELab	90.62, -42.27, 0.37
CIELCh	91, 42.274, 179.493
Yxy	77.6441, 0.2547, 0.3579
Android (android.graphics.Color)	4285922018 (0xFF75FAE2)
YUV	207.4970, 9.1220, -79.3659
Hunter-Lab	88.1159, -42.2822, 5.1428

Details

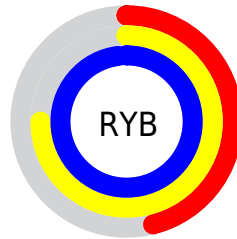
The Hex color **75FAE2** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FA758D**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **B2FFFF**, and **30C1AB** is the 20% darker color. If you saturate the color by 10%, you get **5CFADD**, and if you desaturate by 10%, it is **8EFAE7**.

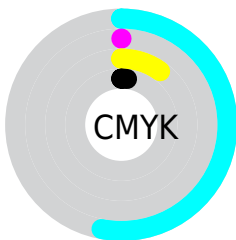
Distribution



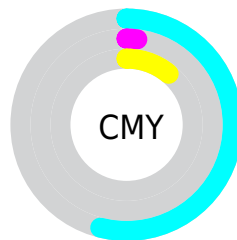
- Red (46%)
- Green (98%)
- Blue (89%)



- Red (46%)
- Yellow (75%)
- Blue (98%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (54%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75FAE2 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 75FAE2 by changing the saturation by 10% instead.

 75FAE2

FFFFFF

 B2FFFF

 D0FFFF

 EEEFFF

 75FAE2


 55DDC6

 30C1AB

 00A590


 008A77

 00705E

 005746

 003F30

 00291B

 000401

 75FAE2

 75FAE2

 5CFADD

 8EFAE7

 43FAD9

 A7FAEB

 2AFAD4

 C0FAF0

 11FAD0

 D9FAF4

 00FACD

 F2FAF9

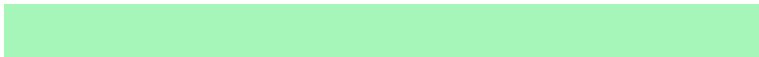
 FFFAFD

 FFFAFF

Harmonies

Analogous

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



A6F6BA



75FAE2



53F9FF

Triad

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



75FAE2



E8DAFF



FFD3A0

Complementary

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



75FAE2



FA758D

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.



FFC8BE



75FAE2



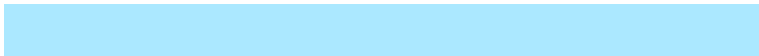
FFCCFF

Square

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



75FAE2



ABE8FF



FFC5E6



FFE193

Rectangle

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



75FAE2



5EF6FF



FFC5E6



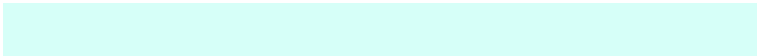
FFCFA8

Sweetspot

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



75FAE2



D6FFF8



8DFA75



67807B



000000



808080

Same Dimension

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



75FAE2



5CFFE2



75D0FA



707D7B



00BD9B



003D32

Inverse Universe

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



FA758D



FF5C79



FA9F75



7D7073



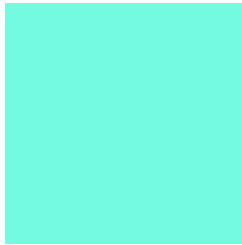
BD0022



3D000B

Previews

White Background



This preview shows how the Hex color 75FAE2 looks on a white background.

Color Contrast Check

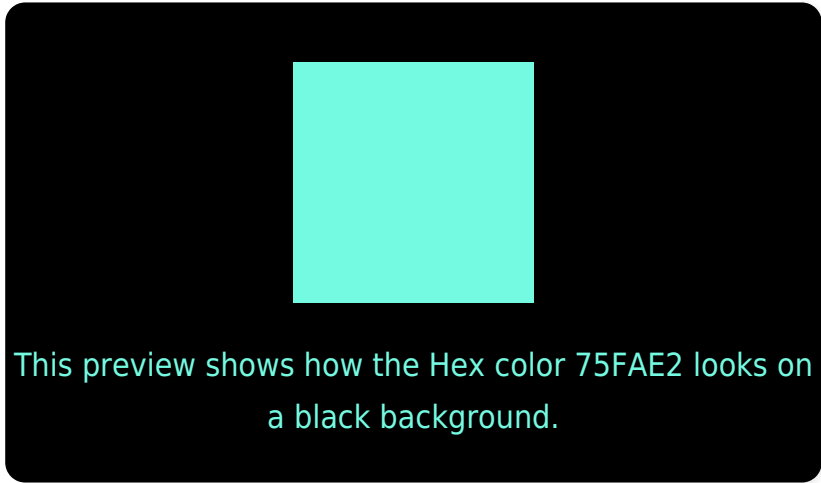
Large Text (above 18pt) WCAG AA × Fail

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

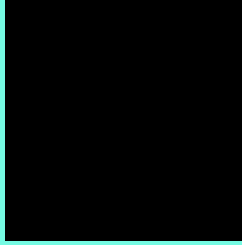
Any Text WCAG AA ✓ Pass

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 75FAE2 Background



This preview shows how black text looks on a background with the Hex color 75FAE2.

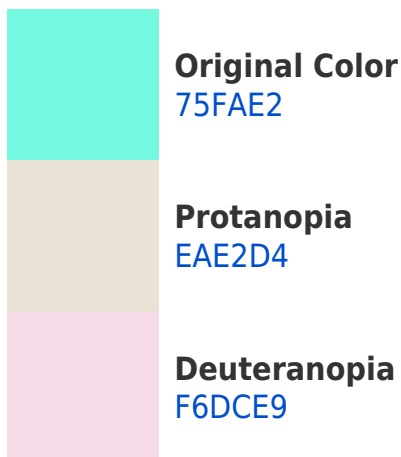


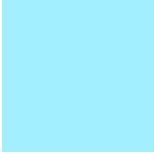
This preview shows how white text looks on a background with the Hex color 75FAE2.

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
A2F0FF

Trichromacy



Original Color
75FAE2



Protanomaly
BFEBD9



Deuteranomaly
C7E7E6

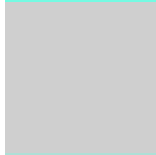


Tritanomaly
92F4F4

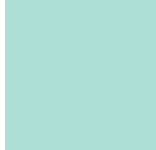
Monochromacy



Original Color
75FAE2



Achromatopsia
CFCFCF



Achromatomaly
AEDFD6

CSS Examples

Text

The CSS property to change the color of the text to Hex 75FAE2 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 #75FAE2 looks like.

```
.text, #text, p{  
    color:#75FAE2  
}
```

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 #75FAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75FAE2  
}
```

Border

The CSS property to change the border of an element to Hex 75FAE2 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  
#75FAE2 }
```

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

```
.border{ border-color:#75FAE2 }
```

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

Here you see how a box with a 4 pixel #75FAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75FAE2; -webkit-box-shadow:4px 4px  
4px 4px #75FAE2; box-shadow:4px 4px 4px  
4px #75FAE2 }
```

Background

The CSS property to change the background color of an element to Hex 75FAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75FAE2 }
```

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

```
.background{ background-color:#75FAE2 }
```

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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