

Converting Colors

Hex(6EF3AA)

Have a look what the booklet for
Hex(6EF3AA) contains.

Hex(6EF3AA)	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(6EF3AA)

Conversions

Conversions Part 1

Format	Color
Hex	6EF3AA
RGB	110, 243, 170
RGB Percent	43%, 95%, 67%
CMY	0.5686, 0.0471, 0.3333
CMYK	0.55, 0.00, 0.30, 0.05
HSL	147°, 85%, 69%
HSV	147°, 55%, 95%
XYZ	45.7367, 70.3185, 49.1925
YIQ	194.9110, -55.8350, -50.8990

Conversions

Conversions Part 2

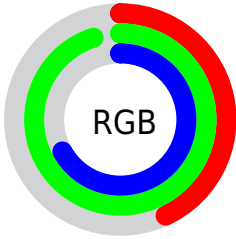
Format	Color
RYB	110, 202, 243
Decimal	7271338
CIELab	87.15, -52.81, 24.38
CIELCh	87, 58.169, 155.216
Yxy	70.3185, 0.2768, 0.4255
Android (android.graphics.Color)	4285461418 (0xFF6EF3AA)
YUV	194.9110, -12.2811, -74.4669
Hunter-Lab	83.8561, -49.3909, 23.9180

Details

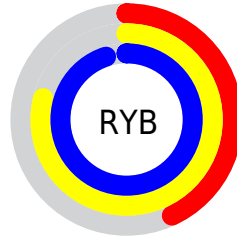
The Hex color **6EF3AA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F36EB7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AAFFE2**, and **2ABA75** is the 20% darker color. If you saturate the color by 10%, you get **56F39D**, and if you desaturate by 10%, it is **86F3B7**.

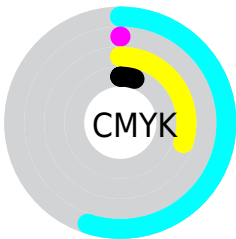
Distribution



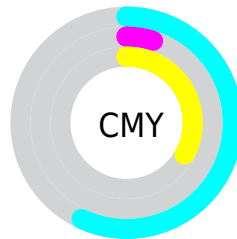
- Red (43%)
- Green (95%)
- Blue (67%)



- Red (43%)
- Yellow (79%)
- Blue (95%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (57%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF3AA 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 6EF3AA by changing the saturation by 10% instead.

 6EF3AA

 6EF3AA

FFFFFF

 4FD68F

 AAFFE2

 2ABA75

 C8FFFE

 009E5C

 E6FFFF

 008344

 00692D

 005017

 003800

 002100

 000000

 6EF3AA

 6EF3AA

 56F39D

 86F3B7

 3DF38F

 9FF3C5

 25F382

 B7F3D2

 0DF375

 CFF3DF

 00F36E

 E7F3ED

 FFF3FA

 FFF3FF

Harmonies

Analogous

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



B8EA7D



6EF3AA



00F7E3

Triad

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



6EF3AA



8FDDFF



FFB49D

Complementary

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



6EF3AA



F36EB7

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.



FFACD3



6EF3AA



ECC8FF

Square

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



6EF3AA



00ECFF



FFB4FF



FFC776

Rectangle

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



6EF3AA



00F6FF



FFB4FF



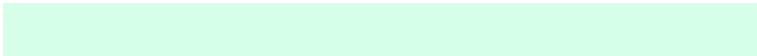
FFB0AE

Sweetspot

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



6EF3AA



D6FFE9



B7F36E



678072



000000



808080

Same Dimension

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



6EF3AA



57FFA3



6EF3EC



6E7A74



00BA54



003B1A

Inverse Universe

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



F36EB7



FF57B3



F36E75



7A6E75



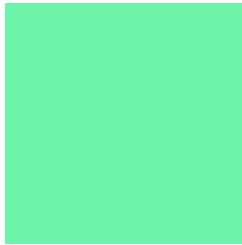
BA0066



3B0020

Previews

White Background



This preview shows how the Hex color 6EF3AA looks on a white background.

Color Contrast Check

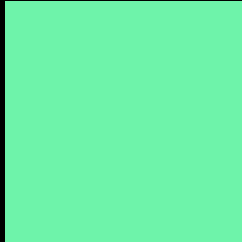
Large Text (above 18pt) WCAG AA × Fail

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 6EF3AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

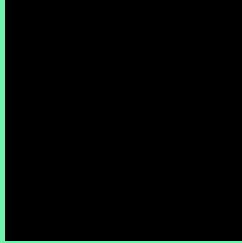
Any Text WCAG AA ✓ Pass

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 6EF3AA Background



This preview shows how black text looks on a background with the Hex color 6EF3AA.



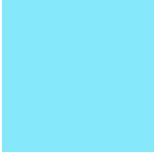
This preview shows how white text looks on a background with the Hex color 6EF3AA.

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
85E9FB

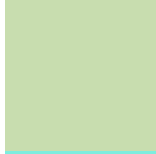
Trichromacy



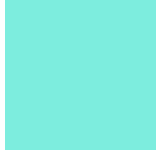
Original Color
6EF3AA



Protanomaly
BCE2A2

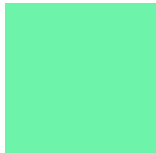


Deuteranomaly
C8DDAF

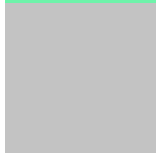


Tritanomaly
7DEDDE

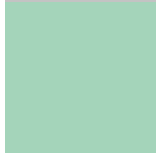
Monochromacy



Original Color
6EF3AA



Achromatopsia
C3C3C3



Achromatomaly
A4D4BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF3AA 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 #6EF3AA looks like.

```
.text, #text, p{  
    color:#6EF3AA  
}
```

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 #6EF3AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF3AA
}
```

Border

The CSS property to change the border of an element to Hex 6EF3AA 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
#6EF3AA }
```

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

```
.border{ border-color:#6EF3AA }
```

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

Here you see how a box with a 4 pixel #6EF3AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF3AA; -webkit-box-shadow:4px 4px  
4px 4px #6EF3AA; box-shadow:4px 4px 4px  
4px #6EF3AA }
```

Background

The CSS property to change the background color of an element to Hex 6EF3AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF3AA }
```

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

```
.background{ background-color:#6EF3AA }
```

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