

Converting Colors

Hex(6EF7A9)

Have a look what the booklet for
Hex(6EF7A9) contains.

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Color

Hex(6EF7A9)

Conversions

Conversions Part 1

Format	Color
Hex	6EF7A9
RGB	110, 247, 169
RGB Percent	43%, 97%, 66%
CMY	0.5686, 0.0314, 0.3373
CMYK	0.55, 0.00, 0.32, 0.03
HSL	146°, 90%, 70%
HSV	146°, 55%, 97%
XYZ	46.8526, 72.7011, 49.0994
YIQ	197.1450, -56.6140, -53.3020

Conversions

Conversions Part 2

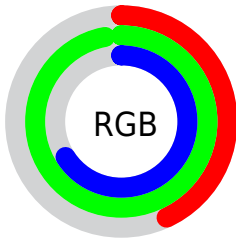
Format	Color
RYB	110, 206, 247
Decimal	7272361
CIELab	88.30, -54.62, 26.47
CIELCh	88, 60.692, 154.145
Yxy	72.7011, 0.2778, 0.4311
Android (android.graphics.Color)	4285462441 (0xFF6EF7A9)
YUV	197.1450, -13.8755, -76.4262
Hunter-Lab	85.2649, -51.1289, 25.5436

Details

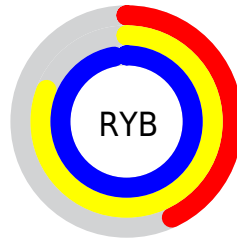
The Hex color **6EF7A9** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F76EBC**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **AAFFE1**, and **28BE74** is the 20% darker color. If you saturate the color by 10%, you get **55F79B**, and if you desaturate by 10%, it is **87F7B7**.

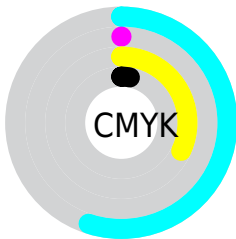
Distribution



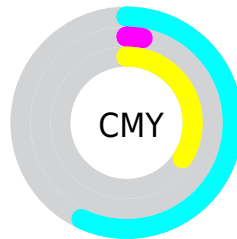
- Red (43%)
- Green (97%)
- Blue (66%)



- Red (43%)
- Yellow (81%)
- Blue (97%)



- Cyan (55%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (57%)
- Magenta (3%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF7A9 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 6EF7A9 by changing the saturation by 10% instead.

 6EF7A9

 6EF7A9

FFFFFF

 4EDA8E


 AAFFE1

 28BE74

 C8FFFD

 00A25B

 E7FFFF

 008743

 006D2C

 005315

 003A00

 002400

 000000

 6EF7A9

 6EF7A9

 55F79B

 87F7B7

 3DF78D

 9FF7C5

 24F77F

 B8F7D3

 0BF771

 D1F7E1

 00F76A

 EAF7EF

 FFF7FD

 FFF7FF

Harmonies

Analogous

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



BCED7A



6EF7A9



00FBE4

Triad

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



6EF7A9



88E1FF



FFB5A0

Complementary

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



6EF7A9



F76EBC

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.



FFADD8



6EF7A9



EDCBFF

Square

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



6EF7A9



00F1FF



FFB6FF



FFC876

Rectangle

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



6EF7A9



00FBFF



FFB6FF



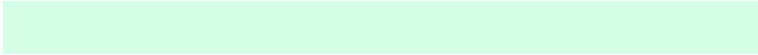
FFB0B1

Sweetspot

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



6EF7A9



D4FFE6



BEF76E



668071



000000



808080

Same Dimension

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



6EF7A9



54FF9E



6EF7EC



6E7A73



00BA50



003B19

Inverse Universe

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



F76EBC



FF54B5



F76E79



7A6E75



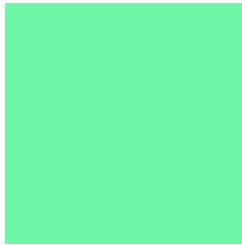
BA006A



3B0021

Previews

White Background



This preview shows how the Hex color 6EF7A9 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

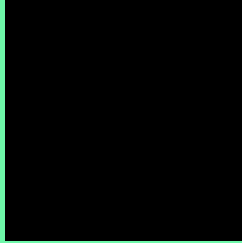
Any Text WCAG AA ✓ Pass

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 6EF7A9 Background



This preview shows how black text looks on a background with the Hex color 6EF7A9.

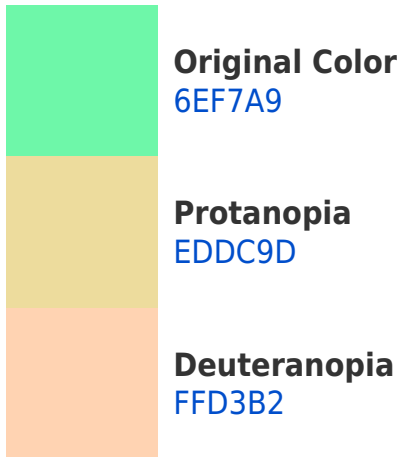


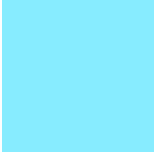
This preview shows how white text looks on a background with the Hex color 6EF7A9.

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
87ECFF

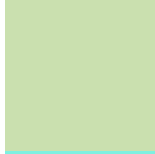
Trichromacy



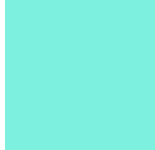
Original Color
6EF7A9



Protanomaly
BFE6A1



Deuteranomaly
CAE0AF

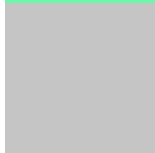


Tritanomaly
7EF0E0

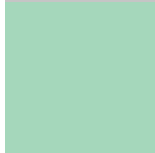
Monochromacy



Original Color
6EF7A9



Achromatopsia
C5C5C5



Achromatomaly
A5D7BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF7A9 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 #6EF7A9 looks like.

```
.text, #text, p{  
    color:#6EF7A9  
}
```

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 #6EF7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF7A9
}
```

Border

The CSS property to change the border of an element to Hex 6EF7A9 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
#6EF7A9 }
```

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

```
.border{ border-color:#6EF7A9 }
```

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

Here you see how a box with a 4 pixel #6EF7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF7A9; -webkit-box-shadow:4px 4px  
4px 4px #6EF7A9; box-shadow:4px 4px 4px  
4px #6EF7A9 }
```

Background

The CSS property to change the background color of an element to Hex 6EF7A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF7A9 }
```

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

```
.background{ background-color:#6EF7A9 }
```

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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