

Converting Colors

Hex(6EF2A9)

Have a look what the booklet for
Hex(6EF2A9) contains.

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Color

Hex(6EF2A9)

Conversions

Conversions Part 1

Format	Color
Hex	6EF2A9
RGB	110, 242, 169
RGB Percent	43%, 95%, 66%
CMY	0.5686, 0.0510, 0.3373
CMYK	0.55, 0.00, 0.30, 0.05
HSL	147°, 84%, 69%
HSV	147°, 55%, 95%
XYZ	45.3440, 69.6838, 48.5966
YIQ	194.2100, -55.2390, -50.6870

Conversions

Conversions Part 2

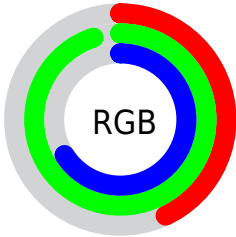
Format	Color
RYB	110, 201, 242
Decimal	7271081
CIELab	86.84, -52.59, 24.47
CIELCh	87, 58.008, 155.049
Yxy	69.6838, 0.2771, 0.4259
Android (android.graphics.Color)	4285461161 (0xFF6EF2A9)
YUV	194.2100, -12.4285, -73.8522
Hunter-Lab	83.4768, -49.1247, 23.9177

Details

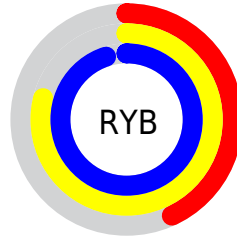
The Hex color **6EF2A9** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F26EB7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **AAFFE1**, and **2AB974** is the 20% darker color. If you saturate the color by 10%, you get **56F29C**, and if you desaturate by 10%, it is **86F2B6**.

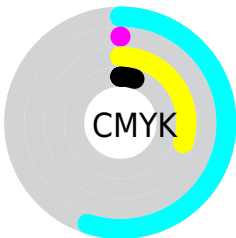
Distribution



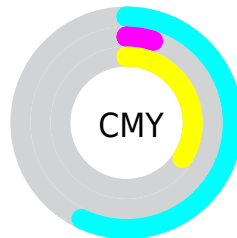
- Red (43%)
- Green (95%)
- Blue (66%)



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



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



- Cyan (57%)
- Magenta (5%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF2A9 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 6EF2A9 by changing the saturation by 10% instead.

 6EF2A9

 6EF2A9

FFFFFF

 4FD58E

 AAFFE1

 2AB974

 C8FFFD

 009D5B

 E6FFFF

 008243

 00682C

 004F16

 003700

 002000

 000000

 6EF2A9

 6EF2A9

 56F29C

 86F2B6

 3EF28E

 9EF2C4

 25F281

 B7F2D1

 0DF273

 CFF2DF

 00F26C

 E7F2EC

 FFF2F9

 FFF2FF

Harmonies

Analogous

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



B8E97C



6EF2A9



00F6E1

Triad

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



6EF2A9



8DDCFF



FFB39D

Complementary

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



6EF2A9



F26EB7

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.



FFABD2



6EF2A9



EAC7FF

Square

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



6EF2A9



00EBFF



FFB4FF



FFC676

Rectangle

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



6EF2A9



00F5FF



FFB4FF



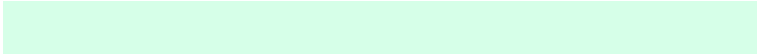
FFAFAE

Sweetspot

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



6EF2A9



D6FFE8



B9F26E



678072



000000



808080

Same Dimension

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



6EF2A9



59FFA3



6EF2E9



6C7871



00B852



003819

Inverse Universe

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



F26EB7



FF59B5



F26E77



786C72



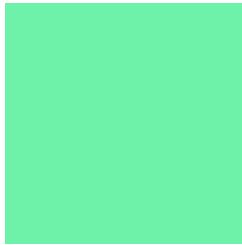
B80066



38001F

Previews

White Background



This preview shows how the Hex color 6EF2A9 looks on a white background.

Color Contrast Check

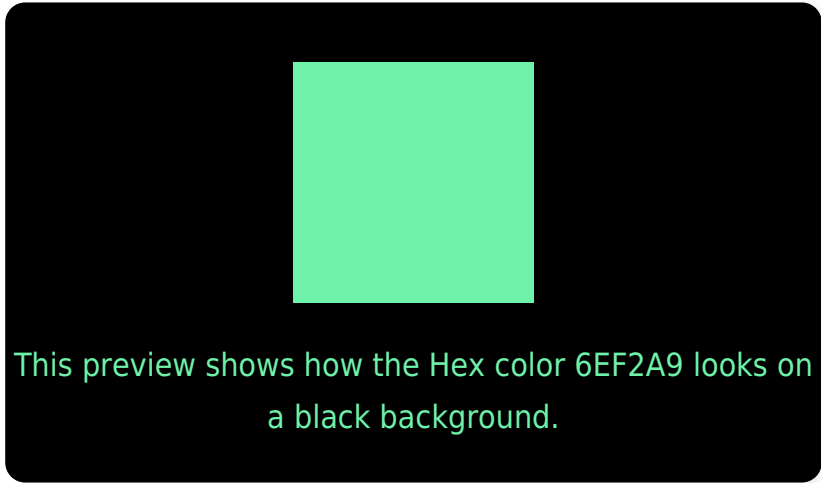
Large Text (above 18pt) WCAG AA × Fail

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

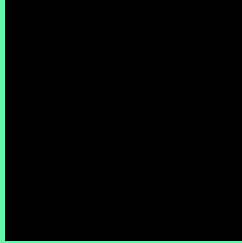
Any Text WCAG AA ✓ Pass

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 6EF2A9 Background



This preview shows how black text looks on a background with the Hex color 6EF2A9.

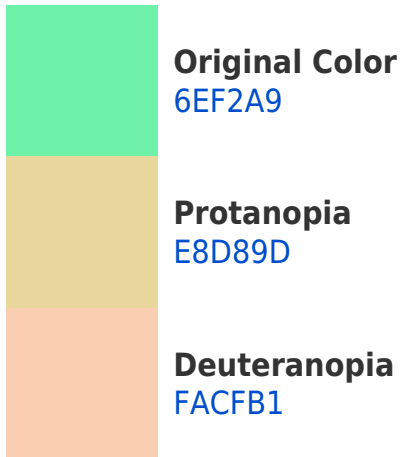


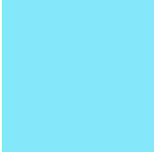
This preview shows how white text looks on a background with the Hex color 6EF2A9.

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



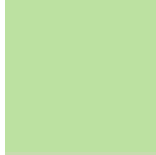


Tritanopia
85E8FA

Trichromacy



Original Color
6EF2A9



Protanomaly
BCE1A1



Deuteranomaly
C7DCAE



Tritanomaly
7DECDD

Monochromacy



Original Color
6EF2A9



Achromatopsia
C2C2C2



Achromatomaly
A3D3B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF2A9 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 #6EF2A9 looks like.

```
.text, #text, p{  
    color:#6EF2A9  
}
```

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 #6EF2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF2A9
}
```

Border

The CSS property to change the border of an element to Hex 6EF2A9 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
#6EF2A9 }
```

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

```
.border{ border-color:#6EF2A9 }
```

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

Here you see how a box with a 4 pixel #6EF2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF2A9; -webkit-box-shadow:4px 4px  
4px 4px #6EF2A9; box-shadow:4px 4px 4px  
4px #6EF2A9 }
```

Background

The CSS property to change the background color of an element to Hex 6EF2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF2A9 }
```

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

```
.background{ background-color:#6EF2A9 }
```

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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