

Converting Colors

Hex(6EF28B)

Have a look what the booklet for
Hex(6EF28B) contains.

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Color

Hex(6EF28B)

Conversions

Conversions Part 1

Format	Color
Hex	6EF28B
RGB	110, 242, 139
RGB Percent	43%, 95%, 55%
CMY	0.5686, 0.0510, 0.4549
CMYK	0.55, 0.00, 0.43, 0.05
HSL	133°, 84%, 69%
HSV	133°, 55%, 95%
XYZ	42.8427, 68.6833, 35.4253
YIQ	190.7900, -45.6090, -60.0170

Conversions

Conversions Part 2

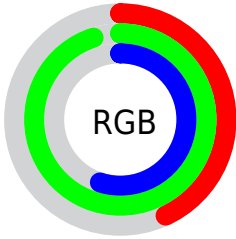
Format	Color
RYB	110, 218, 242
Decimal	7271051
CIELab	86.35, -57.78, 38.90
CIELCh	86, 69.659, 146.048
Yxy	68.6833, 0.2915, 0.4674
Android (android.graphics.Color)	4285461131 (0xFF6EF28B)
YUV	190.7900, -25.5325, -70.8528
Hunter-Lab	82.8754, -52.7558, 32.6692

Details

The Hex color **6EF28B** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F26ED5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **AAFFC2**, and **29B957** is the 20% darker color. If you saturate the color by 10%, you get **56F278**, and if you desaturate by 10%, it is **86F29E**.

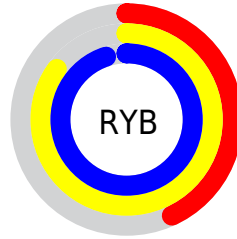
Distribution



Red (43%)

Green (95%)

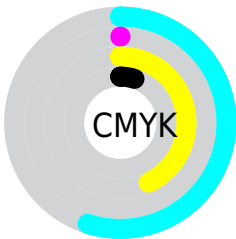
Blue (55%)



Red (43%)

Yellow (85%)

Blue (95%)

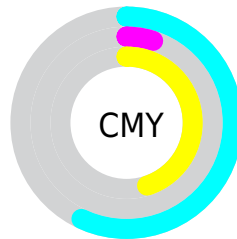


Cyan (55%)

Magenta (0%)

Yellow (43%)

Black (5%)



Cyan (57%)

Magenta (5%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF28B 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 6EF28B by changing the saturation by 10% instead.

 6EF28B

 6EF28B

FFFFFF

 4ED571

 AAFFC2

 29B957

 C8FFDE

 009D3E

 E6FFFB

 008225

 006809

 004E00

 003700

 001E00

 000000

 6EF28B

 6EF28B

 56F278

 86F29E

 3EF265

 9EF2B1

 25F252

 B7F2C4

 0DF23F

 CFF2D7

 00F235

 E7F2E9

 FFF2FC

 FFF2FF

Harmonies

Analogous

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



C4E55A



6EF28B



00F8CD

Triad

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



6EF28B



00E2FF



FFA3A2

Complementary

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



6EF28B



F26ED5

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.



FF9EE4



6EF28B



CCCAFF

Square

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



6EF28B



00F1FF



FFAFFF



FFB96B

Rectangle

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



6EF28B



00F9FB



FFAFFF



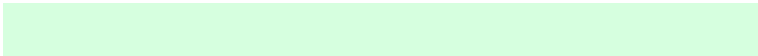
FF9EB7

Sweetspot

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



6EF28B



D6FFDF



D5F26E



67806D



000000



808080

Same Dimension

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



6EF28B



59FF7E



6EF2CD



6C786E



00B828



00380C

Inverse Universe

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



F26ED5



FF59DB



F26E93



786C75



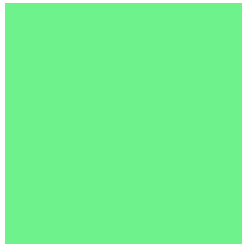
B8008F



38002C

Previews

White Background



This preview shows how the Hex color 6EF28B 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

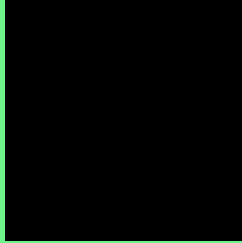
Any Text WCAG AA ✓ Pass

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 6EF28B Background



This preview shows how black text looks on a background with the Hex color 6EF28B.

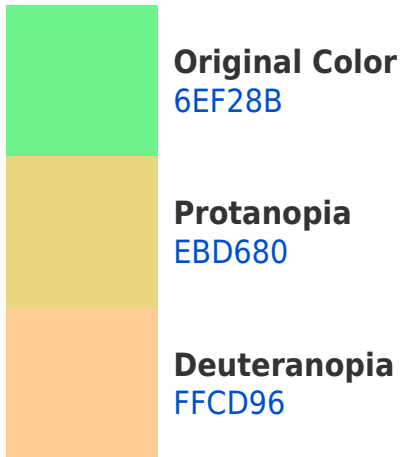


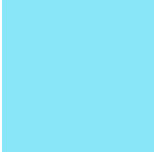
This preview shows how white text looks on a background with the Hex color 6EF28B.

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



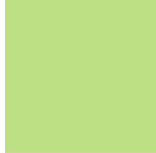


Tritanopia
89E5F8

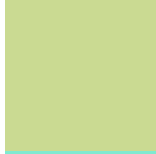
Trichromacy



Original Color
6EF28B



Protanomaly
BEE084



Deuteranomaly
CADA92

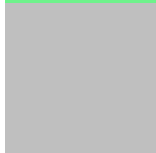


Tritanomaly
7FEAD0

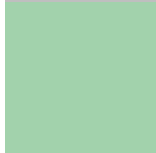
Monochromacy



Original Color
6EF28B



Achromatopsia
BFBFBF



Achromatomaly
A2D2AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF28B 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 #6EF28B looks like.

```
.text, #text, p{  
    color:#6EF28B  
}
```

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 #6EF28B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF28B
}
```

Border

The CSS property to change the border of an element to Hex 6EF28B 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
#6EF28B }
```

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

```
.border{ border-color:#6EF28B }
```

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

Here you see how a box with a 4 pixel #6EF28B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF28B; -webkit-box-shadow:4px 4px  
4px 4px #6EF28B; box-shadow:4px 4px 4px  
4px #6EF28B }
```

Background

The CSS property to change the background color of an element to Hex 6EF28B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF28B }
```

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

```
.background{ background-color:#6EF28B }
```

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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