

Converting Colors

Hex(6EFAA3)

Have a look what the booklet for
Hex(6EFFA3) contains.

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Color

Hex(6EFFA3)

Conversions

Conversions Part 1

Format	Color
Hex	6EFFA3
RGB	110, 255, 163
RGB Percent	43%, 100%, 64%
CMY	0.5686, 0.0000, 0.3608
CMYK	0.57, 0.00, 0.36, 0.00
HSL	142°, 100%, 72%
HSV	142°, 57%, 100%
XYZ	48.8013, 77.4793, 47.0332
YIQ	201.1570, -56.8880, -59.3520

Conversions

Conversions Part 2

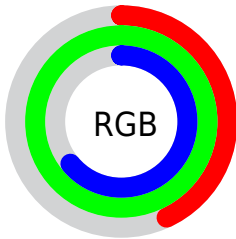
Format	Color
RYB	110, 216, 255
Decimal	7274403
CIELab	90.54, -58.86, 32.51
CIELCh	91, 67.236, 151.088
Yxy	77.4793, 0.2816, 0.4470
Android (android.graphics.Color)	4285464483 (0xFF6EFA3)
YUV	201.1570, -18.8114, -79.9447
Hunter-Lab	88.0223, -55.0753, 29.9350

Details

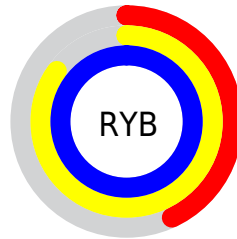
The Hex color **6EFA3** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF6ECA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **ABFFDB**, and **24C56E** is the 20% darker color. If you saturate the color by 10%, you get **55FF93**, and if you desaturate by 10%, it is **88FFB3**.

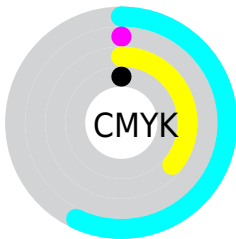
Distribution



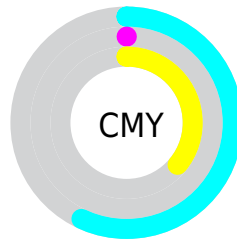
- Red (43%)
- Green (100%)
- Blue (64%)



- Red (43%)
- Yellow (85%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EFA3 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 6EFA3 by changing the saturation by 10% instead.

 6EFA3

 6EFA3

FFFFFF

 4DE288

 ABFFDB

 24C56E

 CAFFF7

 00A955

 E8FFFF

 008E3D

 007325

 00590C

 004000

 002900

 000400

 6EFA3

 6EFA3

 55FF93

 88FFB3

 3BFF83

 A1FFC3

 21FF72

 BBFFD4

 08FF62

 D4FFE4

 00FF5D

 EEEFF4

FFFFFF

Harmonies

Analogous

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



C5F470



6EFA3



00FE4

Triad

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



6EFFA3



6AEAFF



FFB4A5

Complementary

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



6EFA3



FF6ECA

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.



FFACE4



6EFFA3



EAD2FF

Square

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



6EFA3



00BFF



FFB9FF



FFCA73

Rectangle

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



6EFA3



00FFF



FFB9FF



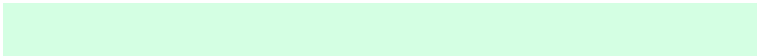
FFAFB9

Sweetspot

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



6EFFA3



D4FFE3



CCFF6E



66806F



000000



808080

Same Dimension

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



6EFFA3



52FF91



6EFFE9



738077



00BF46



004017

Inverse Universe

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



FF6ECA



FF52C0



FF6E84



80737B



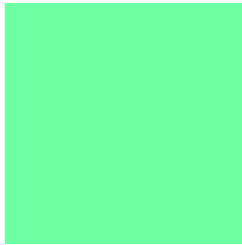
BF0079



400028

Previews

White Background



This preview shows how the Hex color 6EFFA3 looks on a white background.

Color Contrast Check

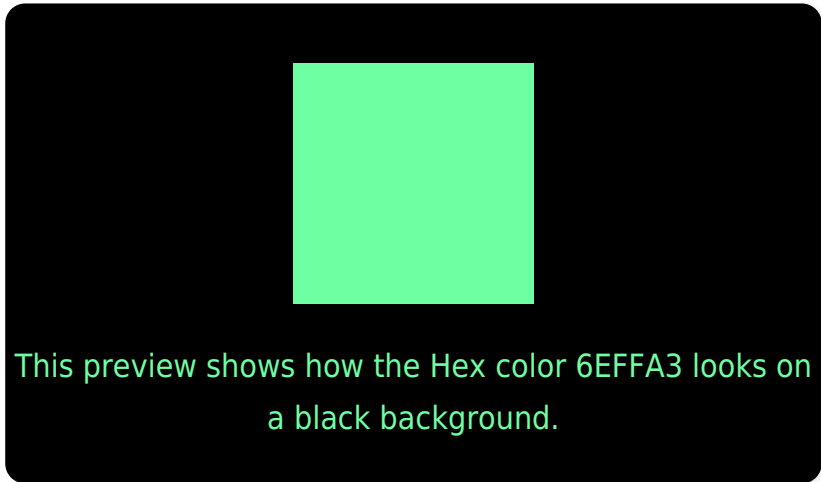
Large Text (above 18pt) WCAG AA × Fail

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

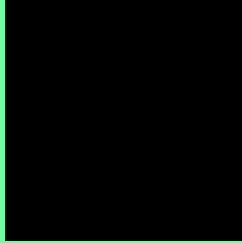
Any Text WCAG AA ✓ Pass

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 6EFAA3 Background



This preview shows how black text looks on a background with the Hex color 6EFAA3.

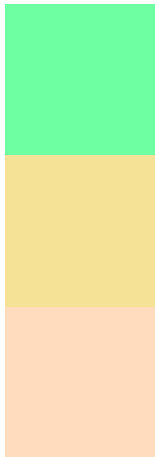


This preview shows how white text looks on a background with the Hex color 6EFAA3.

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](#).

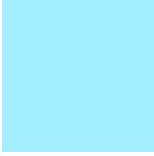
Dichromacy



Original Color
6EFA3

Protanopia
F5E297

Deuteranopia
FFDCBE



Tritanopia
A3EFFF

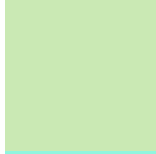
Trichromacy



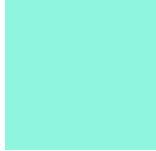
Original Color
6EFFA3



Protanomaly
C4ED9B

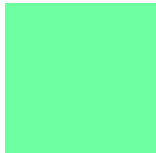


Deuteranomaly
CAE9B4

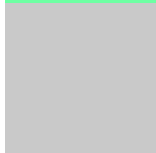


Tritanomaly
90F5DE

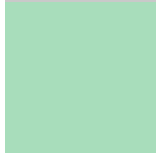
Monochromacy



Original Color
6EFFA3



Achromatopsia
C9C9C9



Achromatomaly
A8DDBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EFFA3 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 #6EFFA3 looks like.

```
.text, #text, p{  
    color:#6EFFA3  
}
```

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 #6EFFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EFFA3
}
```

Border

The CSS property to change the border of an element to Hex 6EFFA3 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
#6EFFA3 }
```

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

```
.border{ border-color:#6EFFA3 }
```

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

Here you see how a box with a 4 pixel #6EFFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EFFA3; -webkit-box-shadow:4px 4px  
4px 4px #6EFFA3; box-shadow:4px 4px 4px  
4px #6EFFA3 }
```

Background

The CSS property to change the background color of an element to Hex 6EFFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EFFA3 }
```

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

```
.background{ background-color:#6EFFA3 }
```

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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