

Converting Colors

Hex(6DFA89)

Have a look what the booklet for
Hex(6DFA89) contains.

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Color

Hex(6DFA89)

Conversions

Conversions Part 1

Format	Color
Hex	6DFA89
RGB	109, 250, 137
RGB Percent	43%, 98%, 54%
CMY	0.5725, 0.0196, 0.4627
CMYK	0.56, 0.00, 0.45, 0.02
HSL	132°, 93%, 70%
HSV	132°, 56%, 98%
XYZ	45.0076, 73.4286, 35.4679
YIQ	194.9590, -47.7630, -65.0350

Conversions

Conversions Part 2

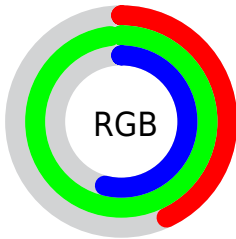
Format	Color
RYB	109, 227, 250
Decimal	7207561
CIELab	88.65, -61.37, 42.82
CIELCh	89, 74.829, 145.092
Yxy	73.4286, 0.2924, 0.4771
Android (android.graphics.Color)	4285397641 (0xFF6DFA89)
YUV	194.9590, -28.5738, -75.3860
Hunter-Lab	85.6905, -56.2039, 35.4428

Details

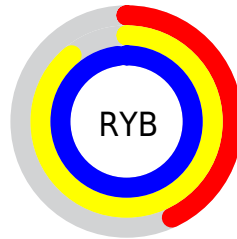
The Hex color **6DFA89** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FA6DDE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AAFFC0**, and **23C055** is the 20% darker color. If you saturate the color by 10%, you get **54FA75**, and if you desaturate by 10%, it is **86FA9D**.

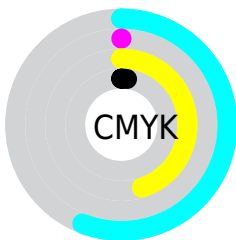
Distribution



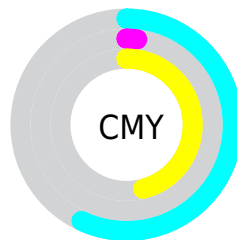
- Red (43%)
- Green (98%)
- Blue (54%)



- Red (43%)
- Yellow (89%)
- Blue (98%)



- Cyan (56%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (57%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DFA89 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 6DFA89 by changing the saturation by 10% instead.

 6DFA89

 6DFA89

FFFFFF

 4CDD6F


 AAFFC0

 23C055

 C8FFDC

 00A43B

 E7FFF9

 008921

 006F01

 005500

 003C00

 002400

 000000

 6DFA89

 6DFA89

 54FA75

 86FA9D

 3BFA61

 9FFAB1

 22FA4D

 B8FAC5

 09FA39

 D1FAD9

 00FA32

 EAFAED

 FFFAFF

Harmonies

Analogous

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



CAEC53



6DFA89



00FFD0

Triad

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



6DFA89



00EAFB



FFA3A6

Complementary

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



6DFA89



FA6DDE

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.



FF9EED



6DFA89



CCD1FF

Square

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



6DFA89



00FAFF



FFB3FF



FFB6A

Rectangle

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



6DFA89



00FFFF



FFB3FF



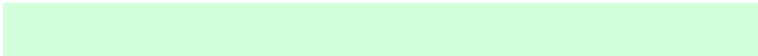
FF9FBD

Sweetspot

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



6DFA89



D4FFDC



E0FA6D



66806B



000000



808080

Same Dimension

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



6DFA89



52FF74



6DFACD



707D73



00BD25



003D0C

Inverse Universe

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



FA6DDE



FF52DD



FA6D9A



7D707A



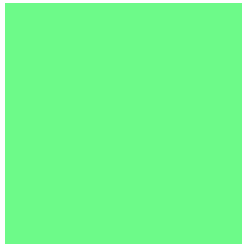
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 6DFA89 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 6DFA89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

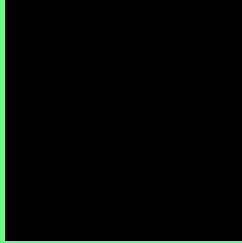
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

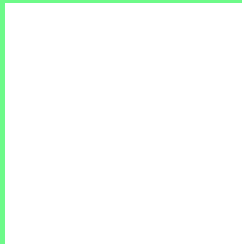
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6DFA89 Background



This preview shows how black text looks on a background with the Hex color 6DFA89.

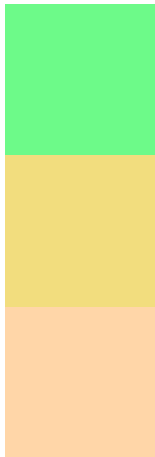


This preview shows how white text looks on a background with the Hex color 6DFA89.

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](#).

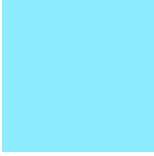
Dichromacy



Original Color
6DFA89

Protanopia
F2DD7E

Deuteranopia
FFD6A8

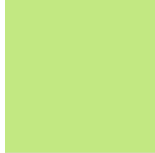


Tritanopia
8DECFE

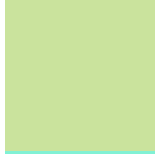
Trichromacy



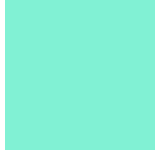
Original Color
6DFA89



Protanomaly
C2E882



Deuteranomaly
CAE39D

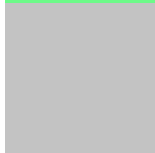


Tritanomaly
81F1D4

Monochromacy



Original Color
6DFA89



Achromatopsia
C3C3C3



Achromatomaly
A4D7AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DFA89 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 #6DFA89 looks like.

```
.text, #text, p{  
    color:#6DFA89  
}
```

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 #6DFA89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFA89
}
```

Border

The CSS property to change the border of an element to Hex 6DFA89 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
#6DFA89 }
```

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

```
.border{ border-color:#6DFA89 }
```

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

Here you see how a box with a 4 pixel #6DFA89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFA89; -webkit-box-shadow:4px 4px  
4px 4px #6DFA89; box-shadow:4px 4px 4px  
4px #6DFA89 }
```

Background

The CSS property to change the background color of an element to Hex 6DFA89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFA89 }
```

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

```
.background{ background-color:#6DFA89 }
```

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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