

Converting Colors

Hex(6DF498)

Have a look what the booklet for
Hex(6DF498) contains.

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Color

Hex(6DF498)

Conversions

Conversions Part 1

Format	Color
Hex	6DF498
RGB	109, 244, 152
RGB Percent	43%, 96%, 60%
CMY	0.5725, 0.0431, 0.4039
CMYK	0.55, 0.00, 0.38, 0.04
HSL	139°, 86%, 69%
HSV	139°, 55%, 96%
XYZ	44.3249, 70.2196, 40.9233
YIQ	193.1470, -50.9280, -57.2320

Conversions

Conversions Part 2

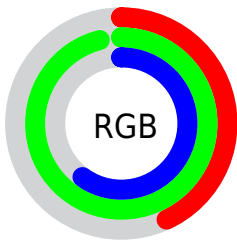
Format	Color
RYB	109, 211, 244
Decimal	7206040
CIELab	87.10, -56.68, 33.43
CIElCh	87, 65.803, 149.464
Yxy	70.2196, 0.2851, 0.4517
Android (android.graphics.Color)	4285396120 (0xFF6DF498)
YUV	193.1470, -20.2855, -73.7969
Hunter-Lab	83.7971, -52.2266, 29.7030

Details

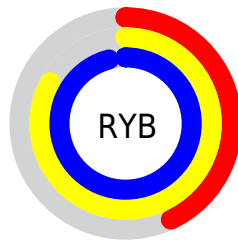
The Hex color **6DF498** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F46DC9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A9FFCF**, and **27BB64** is the 20% darker color. If you saturate the color by 10%, you get **55F487**, and if you desaturate by 10%, it is **85F4A9**.

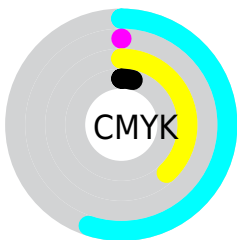
Distribution



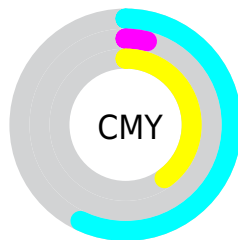
- Red (43%)
- Green (96%)
- Blue (60%)



- Red (43%)
- Yellow (83%)
- Blue (96%)



- Cyan (55%)
- Magenta (0%)
- Yellow (38%)
- Black (4%)



- Cyan (57%)
- Magenta (4%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DF498 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 6DF498 by changing the saturation by 10% instead.

 6DF498

 6DF498

FFFFFF

 4DD77E

 A9FFCF

 27BB64

 C7FFEB

 009F4B

 E5FFFF

 008433

 006A1B

 005001

 003800

 002000

 000000

 6DF498

 6DF498

 55F487

 85F4A9

 3CF477

 9EF4B9

 24F466

 B6F4CA

 0BF455

 CFF4DB

 00F44E

 E7F4EB

 FFF4FC

 FFF4FF

Harmonies

Analogous

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



C0E968



6DF498



00F9D7

Triad

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



6DF498



56E1FF



FFAAA0

Complementary

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



6DF498



F46DC9

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.



FFA4DE



6DF498



DBC AFF

Square

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



6DF498



00F1FF



FFB2FF



FFBF6F

Rectangle

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



6DF498



00F9FF



FFB2FF



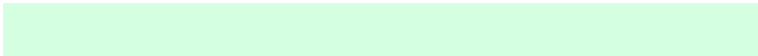
FFA6B4

Sweetspot

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



6DF498



D4FFE1



C9F46D



66806E



000000



808080

Same Dimension

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



6DF498



57FF8C



6DF4DB



6E7A72



00BA3B



003B13

Inverse Universe

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



F46DC9



FF57C9



F46D86



7A6E77



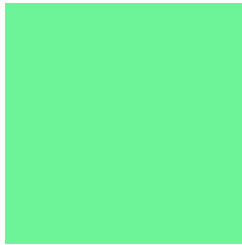
BA007F



3B0028

Previews

White Background



This preview shows how the Hex color 6DF498 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 6DF498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

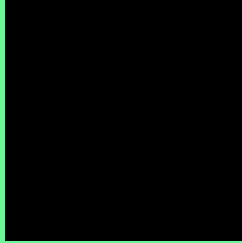
Any Text WCAG AA ✓ Pass

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 6DF498 Background



This preview shows how black text looks on a background with the Hex color 6DF498.

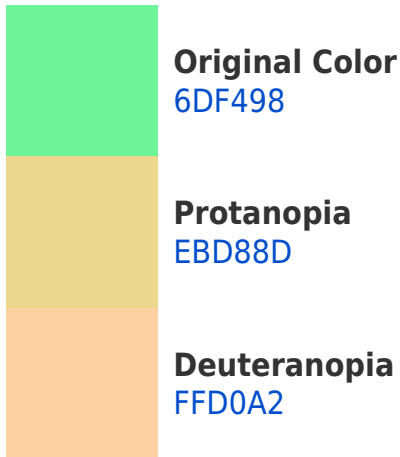


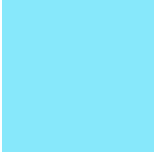
This preview shows how white text looks on a background with the Hex color 6DF498.

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
87E8FB

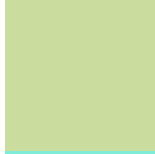
Trichromacy



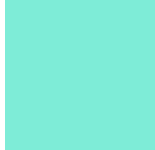
Original Color
6DF498



Protanomaly
BDE291



Deuteranomaly
CADD9E



Tritanomaly
7EECD7

Monochromacy



Original Color
6DF498



Achromatopsia
C1C1C1



Achromatomaly
A2D4B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DF498 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 #6DF498 looks like.

```
.text, #text, p{  
    color:#6DF498  
}
```

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 #6DF498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DF498  
}
```

Border

The CSS property to change the border of an element to Hex 6DF498 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  
#6DF498 }
```

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

```
.border{ border-color:#6DF498 }
```

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

Here you see how a box with a 4 pixel #6DF498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DF498; -webkit-box-shadow:4px 4px  
4px 4px #6DF498; box-shadow:4px 4px 4px  
4px #6DF498 }
```

Background

The CSS property to change the background color of an element to Hex 6DF498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DF498 }
```

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

```
.background{ background-color:#6DF498 }
```

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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