

# Converting Colors

Hex(6DF982)

Have a look what the booklet for  
Hex(6DF982) contains.

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**Color**

**Hex(6DF982)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DF982
RGB	109, 249, 130
RGB Percent	43%, 98%, 51%
CMY	0.5725, 0.0235, 0.4902
CMYK	0.56, 0.00, 0.48, 0.02
HSL	129°, 92%, 70%
HSV	129°, 56%, 98%
XYZ	44.2116, 72.6143, 32.8049
YIQ	193.5740, -45.2410, -66.6890

# Conversions

## Conversions Part 2

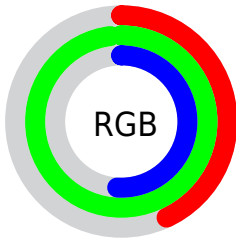
Format	Color
<a href="#">RYB</a>	<a href="#">109, 231, 249</a>
Decimal	<a href="#">7207298</a>
CIELab	<a href="#">88.26, -62.00, 45.69</a>
CIELCh	<a href="#">88, 77.017, 143.615</a>
Yxy	<a href="#">72.6143, 0.2955, 0.4853</a>
Android (android.graphics.Color)	<a href="#">4285397378 (0xFF6DF982)</a>
YUV	<a href="#">193.5740, -31.3420, -74.1714</a>
Hunter-Lab	<a href="#">85.2140, -56.5133, 36.8249</a>

# Details

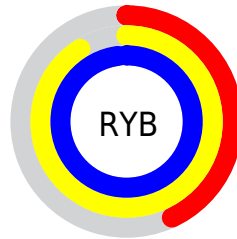
The Hex color **6DF982** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F96DE4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **AAFFB9**, and **23BF4E** is the 20% darker color. If you saturate the color by 10%, you get **54F96D**, and if you desaturate by 10%, it is **86F997**.

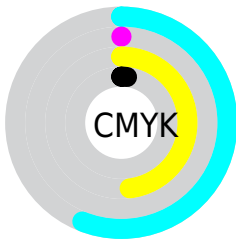
# Distribution



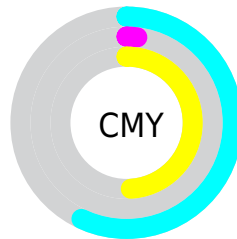
- Red (43%)
- Green (98%)
- Blue (51%)



- Red (43%)
- Yellow (91%)
- Blue (98%)



- Cyan (56%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (57%)
- Magenta (2%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DF982 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 6DF982 by changing the saturation by 10% instead.



 6DF982

 6DF982

FFFFFF

 4CDC68

 AAFFB9

 23BF4E

 C8FFD5

 00A334

 E7FFF2

 008818

 006E00

 005400

 003B00

 002300

 000000

 6DF982

 6DF982

 54F96D

 86F997

 3BF958

 9FF9AC

 22F943

 B8F9C1

 09F92D

 D1F9D7

 00F925

 E9F9EC

 FFF9FF

# Harmonies

## Analogous

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



CCEB4B



6DF982



00FFCB

# Triad

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



6DF982



00EAF7



FF9FA7

# Complementary

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



6DF982



F96DE4

# 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.



FF9BF0



6DF982



C3D1FF

# Square

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



6DF982



00FAFF



FFB1FF



FFB868

# Rectangle

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



6DF982



00FFFE



FFB1FF



FF9ABF

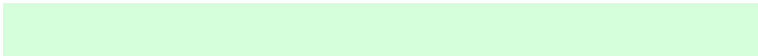


# Sweetspot

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



6DF982



D4FFDA



E4F96D



66806A



000000



808080



# Same Dimension

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



6DF982



54FF6E



6DF9C8



707D72



00BD1C



003D09



# Inverse Universe

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



F96DE4



FF54E5



F96D9E



7D707B



BD00A0

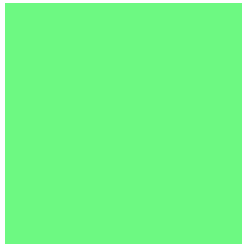


3D0034



# Previews

## White Background



This preview shows how the Hex color 6DF982 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 6DF982 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

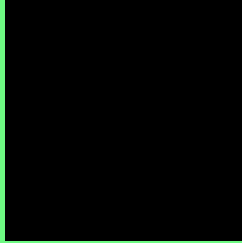
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

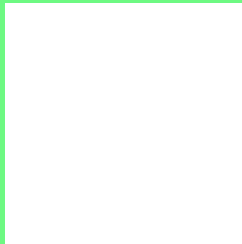
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DF982 Background



This preview shows how black text looks on a background with the Hex color 6DF982.

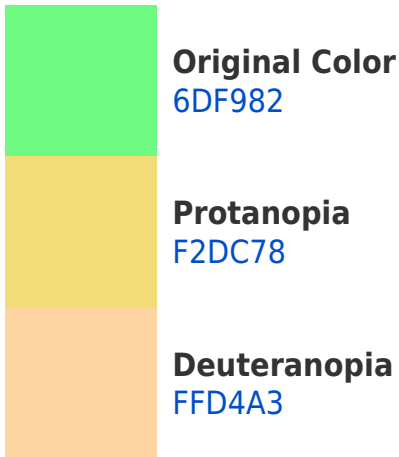


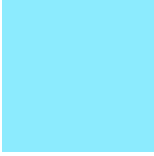
This preview shows how white text looks on a background with the Hex color 6DF982.

# 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**  
8CEBFE

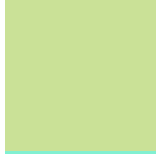
# Trichromacy



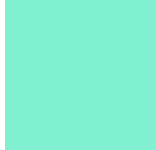
**Original Color**  
6DF982



**Protanomaly**  
C2E77C



**Deuteranomaly**  
CAE197

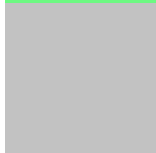


**Tritanomaly**  
81F0D1

# Monochromacy



**Original Color**  
6DF982



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
A3D6AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DF982 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 #6DF982 looks like.

```
.text, #text, p{  
    color:#6DF982  
}
```

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 #6DF982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DF982
}
```

## Border

The CSS property to change the border of an element to Hex 6DF982 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
#6DF982 }
```

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

```
.border{ border-color:#6DF982 }
```

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

Here you see how a box with a 4 pixel #6DF982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DF982; -webkit-box-shadow:4px 4px  
4px 4px #6DF982; box-shadow:4px 4px 4px  
4px #6DF982 }
```

# Background

The CSS property to change the background color of an element to Hex 6DF982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DF982 }
```

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

```
.background{ background-color:#6DF982 }
```

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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