

# Converting Colors

Hex(6CF996)

Have a look what the booklet for  
Hex(6CF996) contains.

<b>Hex(6CF996)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6CF996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CF996
RGB	108, 249, 150
RGB Percent	42%, 98%, 59%
CMY	0.5765, 0.0235, 0.4118
CMYK	0.57, 0.00, 0.40, 0.02
HSL	138°, 92%, 70%
HSV	138°, 57%, 98%
XYZ	45.5650, 73.1415, 40.5704
YIQ	195.5550, -52.2570, -60.6810

# Conversions

## Conversions Part 2

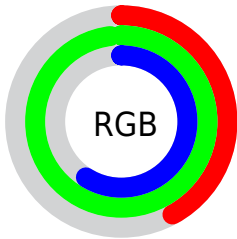
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 217, 249
Decimal	7141782
CIELab	88.52, -59.17, 36.28
CIElCh	89, 69.411, 148.486
Yxy	73.1415, 0.2861, 0.4592
Android (android.graphics.Color)	4285331862 (0xFF6CF996)
YUV	195.5550, -22.4586, -76.7857
Hunter-Lab	85.5228, -54.5633, 31.7399

# Details

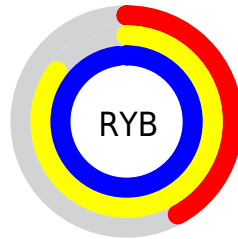
The Hex color **6CF996** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F96CCF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A9FFCD**, and **23BF62** is the 20% darker color. If you saturate the color by 10%, you get **53F985**, and if you desaturate by 10%, it is **85F9A7**.

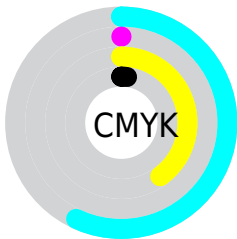
# Distribution



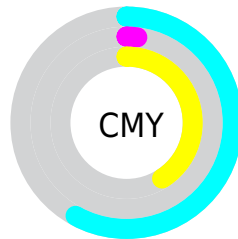
- Red (42%)
- Green (98%)
- Blue (59%)



- Red (42%)
- Yellow (85%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (40%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CF996 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 6CF996 by changing the saturation by 10% instead.



 6CF996

 6CF996

FFFFFF

 4BDC7C

 A9FFCD

 23BF62

 C7FFEA

 00A449

 E6FFFF

 008830

 006E17

 005400

 003C00

 002400

 000000

 6CF996

 6CF996

 53F985

 85F9A7

 3AF973

 9EF9B9

 21F962

 B7F9CA

 08F950

 D0F9DC

 00F94A

 E9F9ED

 FFF9FF

# Harmonies

## Analogous

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



C4ED63



6CF996



00FFD9

# Triad

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



6CF996



3DE6FF



FFAAA3

# Complementary

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



6CF996



F96CCF

# 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.



FFA4E4



6CF996



DBCEFF

# Square

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



6CF996



00F7FF



FFB4FF



FFC16E

# Rectangle

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



6CF996



00FFFF



FFB4FF



FFA6B8

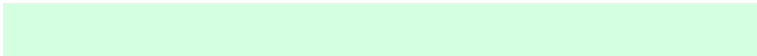


# Sweetspot

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



6CF996



D4FFE1



D1F96C



66806E



000000



808080



# Same Dimension

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



6CF996



52FF85



6CF9DA



707D74



00BD38



003D12



# Inverse Universe

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



F96CCF



FF52CB



F96C8B



7D7079



BD0084

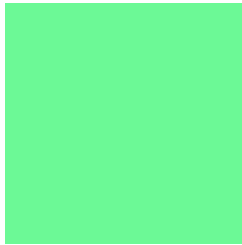


3D002B



# Previews

## White Background



This preview shows how the Hex color 6CF996 looks on a white background.

## Color Contrast Check

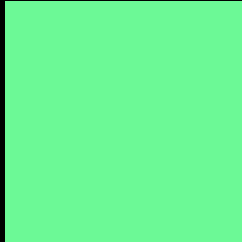
Large Text (above 18pt) WCAG AA × Fail

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 6CF996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

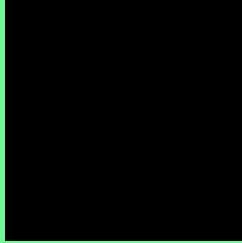
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CF996 Background



This preview shows how black text looks on a background with the Hex color 6CF996.

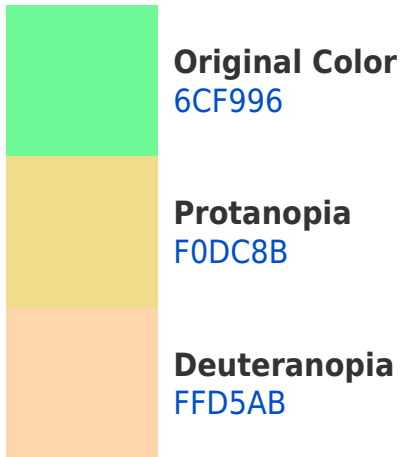


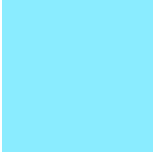
This preview shows how white text looks on a background with the Hex color 6CF996.

# 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**  
8AECFF

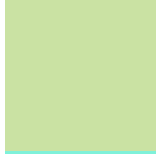
# Trichromacy



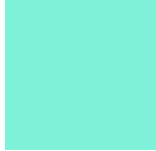
**Original Color**  
6CF996



**Protanomaly**  
C0E78F



**Deuteranomaly**  
CAE2A3

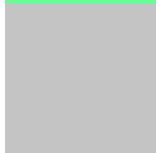


**Tritanomaly**  
7FF1D9

# Monochromacy



**Original Color**  
6CF996



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A4D7B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CF996 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 #6CF996 looks like.

```
.text, #text, p{  
    color:#6CF996  
}
```

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 #6CF996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF996
}
```

## Border

The CSS property to change the border of an element to Hex 6CF996 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
#6CF996 }
```

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

```
.border{ border-color:#6CF996 }
```

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

Here you see how a box with a 4 pixel #6CF996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF996; -webkit-box-shadow:4px 4px  
4px 4px #6CF996; box-shadow:4px 4px 4px  
4px #6CF996 }
```

# Background

The CSS property to change the background color of an element to Hex 6CF996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF996 }
```

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

```
.background{ background-color:#6CF996 }
```

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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