

# Converting Colors

Hex(6CF974)

Have a look what the booklet for  
Hex(6CF974) contains.

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# **Color**

**Hex(6CF974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CF974
RGB	108, 249, 116
RGB Percent	42%, 98%, 45%
CMY	0.5765, 0.0235, 0.5451
CMYK	0.57, 0.00, 0.53, 0.02
HSL	123°, 92%, 70%
HSV	123°, 57%, 98%
XYZ	43.2124, 72.2005, 28.1816
YIQ	191.6790, -41.3430, -71.2550

# Conversions

## Conversions Part 2

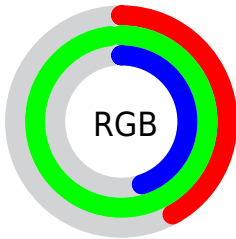
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 241, 249</a>
Decimal	<a href="#">7141748</a>
CIELab	<a href="#">88.06, -64.09, 51.97</a>
CIELCh	<a href="#">88, 82.509, 140.964</a>
Yxy	<a href="#">72.2005, 0.3009, 0.5028</a>
Android (android.graphics.Color)	<a href="#">4285331828 (0xFF6CF974)</a>
YUV	<a href="#">191.6790, -37.3097, -73.3865</a>
Hunter-Lab	<a href="#">84.9709, -57.9218, 39.8154</a>

# Details

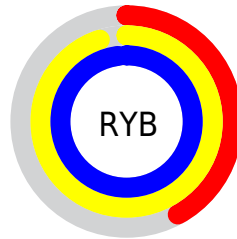
The Hex color **6CF974** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F96CF1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **AAFFAB**, and **20BF3F** is the 20% darker color. If you saturate the color by 10%, you get **53F95D**, and if you desaturate by 10%, it is **85F98B**.

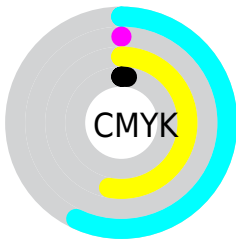
# Distribution



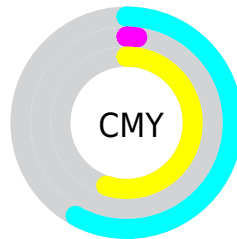
- Red (42%)
- Green (98%)
- Blue (45%)



- Red (42%)
- Yellow (95%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (53%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CF974 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 6CF974 by changing the saturation by 10% instead.



 6CF974

 6CF974

FFFFFF

 4BDC59

 AAFFAB

 20BF3F

 C8FFC7

 00A323

 E7FFE4

 008800

 006E00

 005400

 003B00

 002300

 000000

 6CF974

 6CF974

 53F95D

 85F98B

 3AF945

 9EF9A3

 21F92E

 B7F9BA

 08F916

 D0F9D2

 00F90E

 E9F9E9

 FFF9FF

# Harmonies

## Analogous

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



D0E937



6CF974



00FFC2

# Triad

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



6CF974



00EDFF



FF96A9

# Complementary

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



6CF974



F96CF1

# Split Complementary

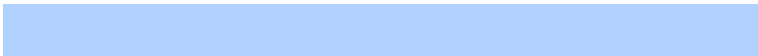
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF94F8



6CF974



B1D2FF

# Square

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



6CF974



00FCFF



FFB0FF



FFB164

# Rectangle

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



6CF974



00FFF8



FFB0FF



FF91C3

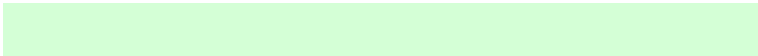


# Sweetspot

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



6CF974



D4FFD6



F2F96C



668067



000000



808080



# Same Dimension

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



6CF974



52FF5B



6CF9BA



707D71



00BD0B



003D03



# Inverse Universe

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



F96CF1



FF52F5



F96CAB



7D707C



BD00B2

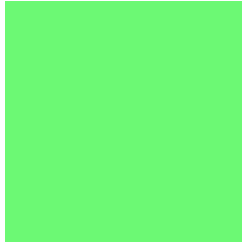


3D003A



# Previews

## White Background



This preview shows how the Hex color 6CF974 looks on a white background.

## Color Contrast Check

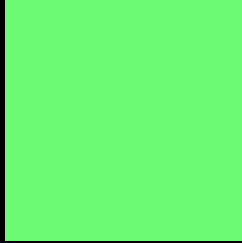
Large Text (above 18pt) WCAG AA × Fail

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 6CF974 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

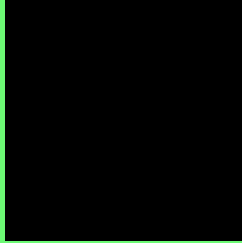
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CF974 Background



This preview shows how black text looks on a background with the Hex color 6CF974.

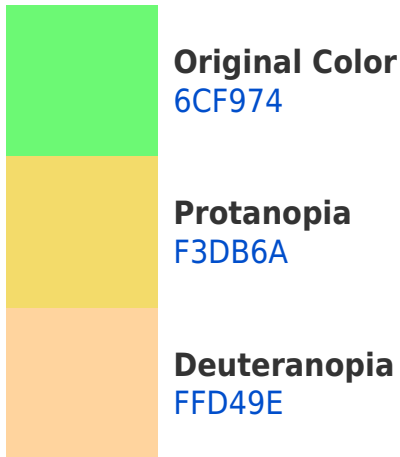


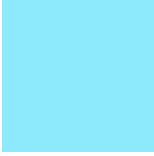
This preview shows how white text looks on a background with the Hex color 6CF974.

# 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



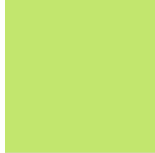


**Tritanopia**  
8DEAFD

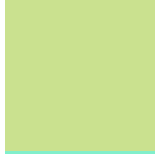
# Trichromacy



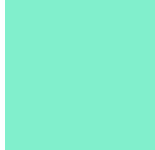
**Original Color**  
6CF974



**Protanomaly**  
C2E66E



**Deuteranomaly**  
CAE18F

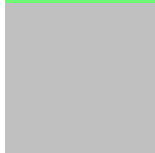


**Tritanomaly**  
81EFCB

# Monochromacy



**Original Color**  
6CF974



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A1D5A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CF974 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 #6CF974 looks like.

```
.text, #text, p{  
    color:#6CF974  
}
```

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 #6CF974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF974
}
```

## Border

The CSS property to change the border of an element to Hex 6CF974 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
#6CF974 }
```

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

```
.border{ border-color:#6CF974 }
```

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

Here you see how a box with a 4 pixel #6CF974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF974; -webkit-box-shadow:4px 4px  
4px 4px #6CF974; box-shadow:4px 4px 4px  
4px #6CF974 }
```

# Background

The CSS property to change the background color of an element to Hex 6CF974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF974 }
```

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

```
.background{ background-color:#6CF974 }
```

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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