

Converting Colors

Hex(4CFF74)

Have a look what the booklet for
Hex(4CFF74) contains.

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Color

Hex(4CFF74)

Conversions

Conversions Part 1

Format	Color
Hex	4CFF74
RGB	76, 255, 116
RGB Percent	30%, 100%, 45%
CMY	0.7020, 0.0000, 0.5451
CMYK	0.70, 0.00, 0.55, 0.00
HSL	133°, 100%, 65%
HSV	133°, 70%, 100%
XYZ	41.8929, 74.3175, 28.6597
YIQ	185.6330, -62.0650, -81.1770

Conversions

Conversions Part 2

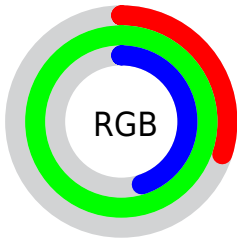
Format	Color
RYB	76, 222, 255
Decimal	5046132
CIELab	89.07, -72.38, 52.98
CIELCh	89, 89.704, 143.796
Yxy	74.3175, 0.2892, 0.5130
Android (android.graphics.Color)	4283236212 (0xFF4CFF74)
YUV	185.6330, -34.3291, -96.1481
Hunter-Lab	86.2076, -64.1205, 40.6343

Details

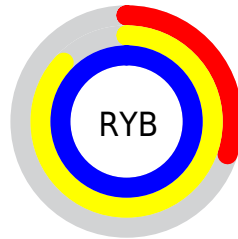
The Hex color **4CFF74** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF4CD7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **92FFAB**, and **00C53E** is the 20% darker color. If you saturate the color by 10%, you get **33FF60**, and if you desaturate by 10%, it is **66FF88**.

Distribution



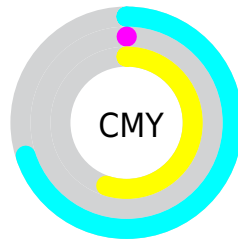
- Red (30%)
- Green (100%)
- Blue (45%)



- Red (30%)
- Yellow (87%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CFF74 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 4CFF74 by changing the saturation by 10% instead.

 4CFF74

 4CFF74

FFFFFF

 15E259

 92FFAB

 00C53E

 B2FFC7

 00A922

 D1FFE4

 008D00

 F1FFFF

 007200

 005800

 003F00

 002600

 000000

 4CFF74

 4CFF74

 33FF60

 66FF88

 19FF4C

 7FFF9C

 00FF39

 99FFAF

 B2FFC3

 CCFFD7

 E5FFE8

FFFFFF

Harmonies

Analogous

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



C8EF26



4CFF74



00FFCB

Triad

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



4CFF74



00EFFF



FF91A0

Complementary

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



4CFF74



FF4CD7

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.



FF8BF5



4CFF74



BCD1FF

Square

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



4CFF74



00FFFF



FFA9FF



FFB254

Rectangle

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



4CFF74



00FFFF



FFA9FF



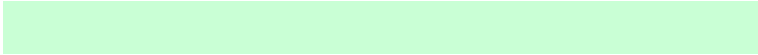
FF8BBC

Sweetspot

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



4CFF74



C9FFD5



D8FF4C



608067



000000



808080

Same Dimension

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



4CFF74



29FF59



4CFFCC



738076



00BF2B



00400E

Inverse Universe

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



FF4CD7



FF29CF



FF4C7F



80737D



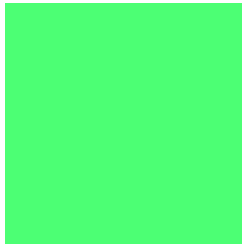
BF0095



400032

Previews

White Background



This preview shows how the Hex color 4CFF74 looks on a white background.

Color Contrast Check

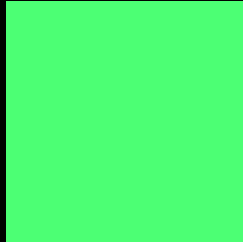
Large Text (above 18pt) WCAG AA × Fail

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 4CFF74 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

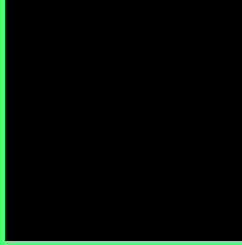
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

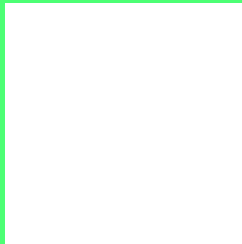
Any Text WCAG AAA ✓ Pass

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

Hex 4CFF74 Background



This preview shows how black text looks on a background with the Hex color 4CFF74.

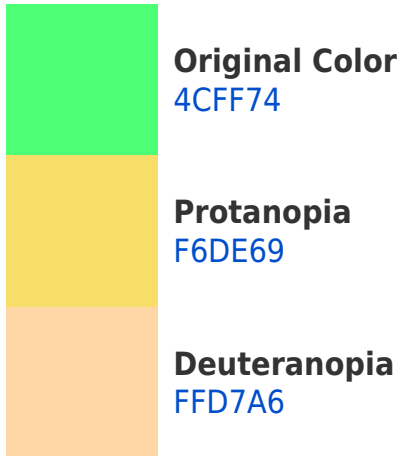


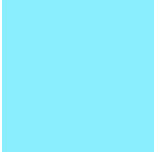
This preview shows how white text looks on a background with the Hex color 4CFF74.

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](#).

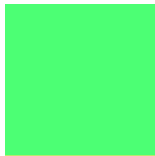
Dichromacy





Tritanopia
8BEEFF

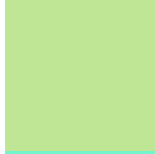
Trichromacy



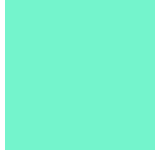
Original Color
4CFF74



Protanomaly
B8EA6D



Deuteranomaly
BEE694

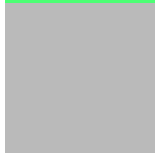


Tritanomaly
74F4CC

Monochromacy



Original Color
4CFF74



Achromatopsia
BABABA



Achromatomaly
92D3A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CFF74 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 #4CFF74 looks like.

```
.text, #text, p{  
    color:#4CFF74  
}
```

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 #4CFF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFF74
}
```

Border

The CSS property to change the border of an element to Hex 4CFF74 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
#4CFF74 }
```

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

```
.border{ border-color:#4CFF74 }
```

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

Here you see how a box with a 4 pixel #4CFF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFF74; -webkit-box-shadow:4px 4px  
4px 4px #4CFF74; box-shadow:4px 4px 4px  
4px #4CFF74 }
```

Background

The CSS property to change the background color of an element to Hex 4CFF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFF74 }
```

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

```
.background{ background-color:#4CFF74 }
```

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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