

Converting Colors

Hex(4CFF72)

Have a look what the booklet for
Hex(4CFF72) contains.

Hex(4CFF72)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4CFF72)

Conversions

Conversions Part 1

Format	Color
Hex	4CFF72
RGB	76, 255, 114
RGB Percent	30%, 100%, 45%
CMY	0.7020, 0.0000, 0.5529
CMYK	0.70, 0.00, 0.55, 0.00
HSL	133°, 100%, 65%
HSV	133°, 70%, 100%
XYZ	41.7778, 74.2714, 28.0535
YIQ	185.4050, -61.4230, -81.7990

Conversions

Conversions Part 2

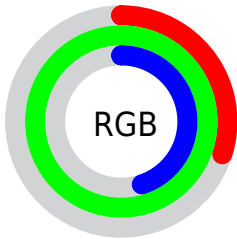
Format	Color
RYB	76, 224, 255
Decimal	5046130
CIELab	89.05, -72.64, 53.86
CIElCh	89, 90.427, 143.445
Yxy	74.2714, 0.2899, 0.5154
Android (android.graphics.Color)	4283236210 (0xFF4CFF72)
YUV	185.4050, -35.2027, -95.9482
Hunter-Lab	86.1809, -64.2854, 41.0266

Details

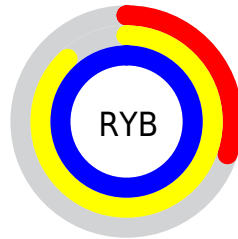
The Hex color **4CFF72** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF4CD9**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **92FFA9**, and **00C53C** is the 20% darker color. If you saturate the color by 10%, you get **33FF5E**, and if you desaturate by 10%, it is **66FF86**.

Distribution



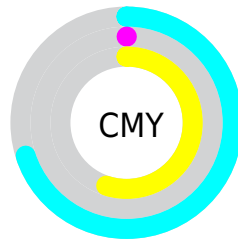
- Red (30%)
- Green (100%)
- Blue (45%)



- Red (30%)
- Yellow (88%)
- 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 4CFF72 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 4CFF72 by changing the saturation by 10% instead.

 4CFF72

FFFFFF

 92FFA9

 B2FFC5

 D1FFE2

 F1FFFF

 4CFF72

 15E257

 00C53C

 00A81F

 008D00

 007200

 005800

 003F00

 002500

 000000

 4CFF72

 4CFF72

 33FF5E

 66FF86

 19FF4A

 7FFF9A

 00FF36

 99FFAE

 B2FFC2

 CCFFD6

 E5FFEB

FFFFFF

Harmonies

Analogous

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



C8EF21



4CFF72



00FFC9

Triad

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



4CFF72



00F0FF



FF90A0

Complementary

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



4CFF72



FF4CD9

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.



FF8AF6



4CFF72



B9D1FF

Square

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



4CFF72



00FFFF



FFA9FF



FFB153

Rectangle

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



4CFF72



00FFFF



FFA9FF



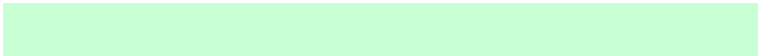
FF89BC

Sweetspot

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



4CFF72



C9FFD5



DBFF4C



608066



000000



808080

Same Dimension

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



4CFF72



29FF56



4CFFC9



738075



00BF29



00400E

Inverse Universe

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



FF4CD9



FF29D2



FF4C82



80737D



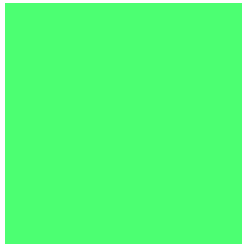
BF0097



400032

Previews

White Background



This preview shows how the Hex color 4CFF72 looks on a white background.

Color Contrast Check

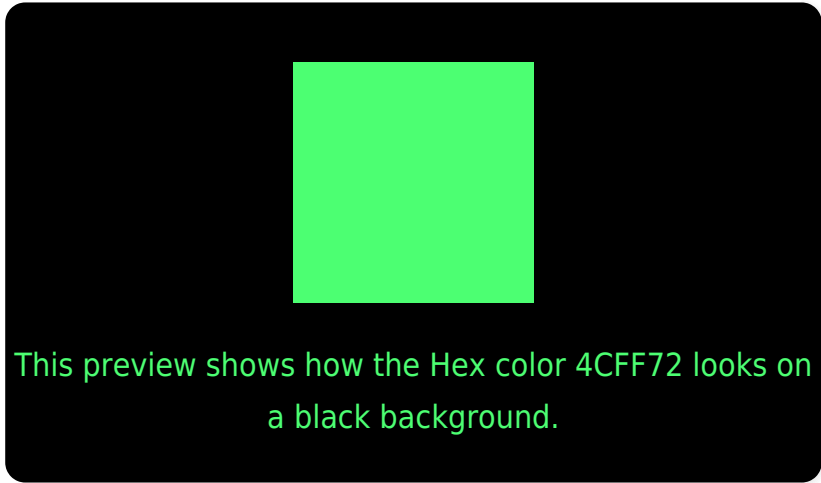
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4CFF72 Background



This preview shows how black text looks on a background with the Hex color 4CFF72.

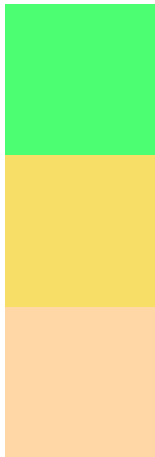


This preview shows how white text looks on a background with the Hex color 4CFF72.

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](#).

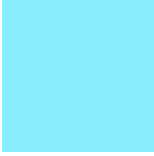
Dichromacy



Original Color
4CFF72

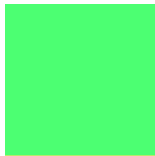
Protanopia
F6DE67

Deuteranopia
FFD7A6



Tritanopia
8AEEFF

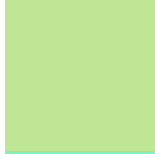
Trichromacy



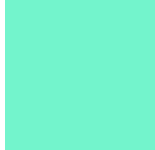
Original Color
4CFF72



Protanomaly
B8EA6B



Deuteranomaly
BEE693

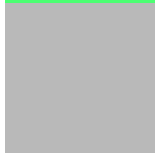


Tritanomaly
73F4CC

Monochromacy



Original Color
4CFF72



Achromatopsia
B9B9B9



Achromatomaly
91D29F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CFF72 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 #4CFF72 looks like.

```
.text, #text, p{  
    color:#4CFF72  
}
```

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 #4CFF72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFF72
}
```

Border

The CSS property to change the border of an element to Hex 4CFF72 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
#4CFF72 }
```

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

```
.border{ border-color:#4CFF72 }
```

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

Here you see how a box with a 4 pixel #4CFF72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFF72; -webkit-box-shadow:4px 4px  
4px 4px #4CFF72; box-shadow:4px 4px 4px  
4px #4CFF72 }
```

Background

The CSS property to change the background color of an element to Hex 4CFF72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFF72 }
```

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

```
.background{ background-color:#4CFF72 }
```

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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