

Converting Colors

Hex(46FFCF)

Have a look what the booklet for
Hex(46FFCF) contains.

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Color

Hex(46FFCF)

Conversions

Conversions Part 1

Format	Color
Hex	46FFCF
RGB	70, 255, 207
RGB Percent	27%, 100%, 81%
CMY	0.7255, 0.0000, 0.1882
CMYK	0.73, 0.00, 0.19, 0.00
HSL	164°, 100%, 64%
HSV	164°, 73%, 100%
XYZ	49.5483, 77.3271, 71.3456
YIQ	194.2130, -94.8520, -54.1480

Conversions

Conversions Part 2

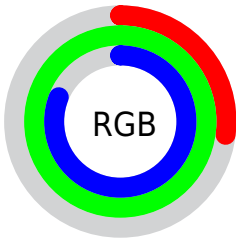
Format	Color
RYB	70, 176, 255
Decimal	4653007
CIELab	90.47, -56.52, 9.86
CIELCh	90, 57.376, 170.105
Yxy	77.3271, 0.2500, 0.3901
Android (android.graphics.Color)	4282843087 (0xFF46FFCF)
YUV	194.2130, 6.3040, -108.9348
Hunter-Lab	87.9358, -53.3102, 13.4509

Details

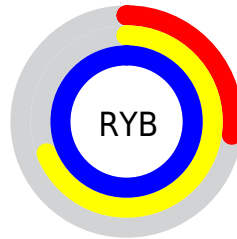
The Hex color **46FFCF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4676**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **8EFFFF**, and **00C599** is the 20% darker color. If you saturate the color by 10%, you get **2DFFC8**, and if you desaturate by 10%, it is **60FFD6**.

Distribution



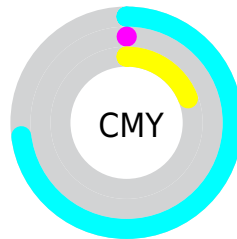
- Red (27%)
- Green (100%)
- Blue (81%)



- Red (27%)
- Yellow (69%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46FFCF 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 46FFCF by changing the saturation by 10% instead.

 46FFCF

 46FFCF

FFFFFF

 00E2B3

 8EFFFF

 00C599

 AEFFFF

 00A97F

 CEFFFF

 008E66

 EDFFFF

 00734E

 005937

 004021

 00290C

 000300

 46FFCF

 46FFCF

 2DFFC8

 60FFD6

 13FFC2

 79FFDC

 00FFBD

 93FFE3

 ACFFE9

 C6FFF0

 DFFFF7

 F9FFFD

FFFFFF

Harmonies

Analogous

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



A1F89B



46FFCF



00FFFF

Triad

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



46FFCF



CCDCFF



FFC791

Complementary

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



46FFCF



FF4676

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.



FFB8C1



46FFCF



FFC7FF

Square

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



46FFCF



5BEFFF



FFB9F8



FFDA76

Rectangle

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



46FFCF



00DFFF



FFB9F8



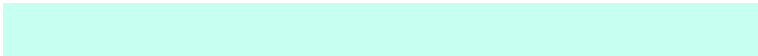
FFC1A0

Sweetspot

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



46FFCF



C7FFF0



77FF46



5E8077



000000



808080

Same Dimension

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



46FFCF



21FFC5



46D4FF



73807C



00BF8E



00402F

Inverse Universe

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



FF4676



FF215B



FF7146



807376



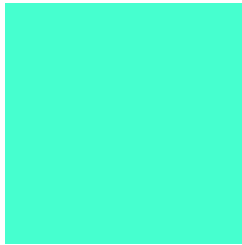
BF0032



400011

Previews

White Background



This preview shows how the Hex color 46FFCF looks on a white background.

Color Contrast Check

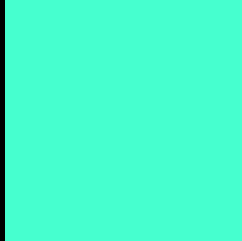
Large Text (above 18pt) WCAG AA × Fail

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 46FFCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

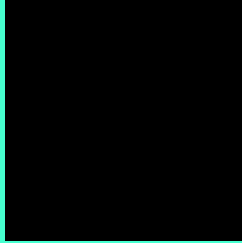
Any Text WCAG AA ✓ Pass

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 46FFCF Background



This preview shows how black text looks on a background with the Hex color 46FFCF.



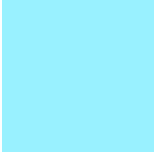
This preview shows how white text looks on a background with the Hex color 46FFCF.

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



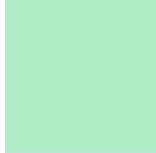


Tritanopia
99F1FF

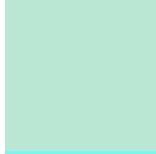
Trichromacy



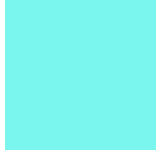
Original Color
46FFCF



Protanomaly
B0ECC5

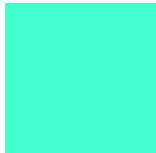


Deuteranomaly
B9E7D4

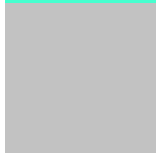


Tritanomaly
7BF6EE

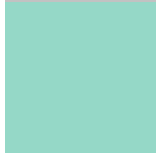
Monochromacy



Original Color
46FFCF



Achromatopsia
C2C2C2



Achromatomaly
95D8C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 46FFCF 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 #46FFCF looks like.

```
.text, #text, p{  
    color:#46FFCF  
}
```

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 #46FFCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46FFCF
}
```

Border

The CSS property to change the border of an element to Hex 46FFCF 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
#46FFCF }
```

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

```
.border{ border-color:#46FFCF }
```

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

Here you see how a box with a 4 pixel #46FFCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46FFCF; -webkit-box-shadow:4px 4px  
4px 4px #46FFCF; box-shadow:4px 4px 4px  
4px #46FFCF }
```

Background

The CSS property to change the background color of an element to Hex 46FFCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46FFCF }
```

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

```
.background{ background-color:#46FFCF }
```

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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