

Converting Colors

Hex(46AFCD)

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

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Color

Hex(46AFCD)

Conversions

Conversions Part 1

Format	Color
Hex	46AFCD
RGB	70, 175, 205
RGB Percent	27%, 69%, 80%
CMY	0.7255, 0.3137, 0.1961
CMYK	0.66, 0.15, 0.00, 0.20
HSL	193°, 57%, 54%
HSV	193°, 66%, 80%
XYZ	28.8752, 36.3698, 63.2558
YIQ	147.0250, -72.2100, -12.9300

Conversions

Conversions Part 2

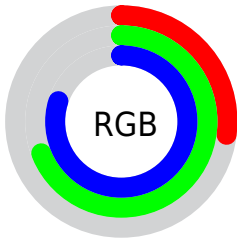
Format	Color
RYB	70, 129, 205
Decimal	4632525
CIELab	66.80, -20.78, -24.12
CIElCh	67, 31.837, 229.256
Yxy	36.3698, 0.2247, 0.2830
Android (android.graphics.Color)	4282822605 (0xFF46AFCD)
YUV	147.0250, 28.5817, -67.5509
Hunter-Lab	60.3074, -20.0721, -19.9735




Details

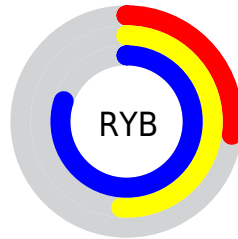
The Hex color **46AFCD** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CD6446**, and the grayscale version is **939393**.




A 20% lighter version of the original color is **84E7FF**, and **007A97** is the 20% darker color. If you saturate the color by 10%, you get **32AACD**, and if you desaturate by 10%, it is **5AB4CD**.

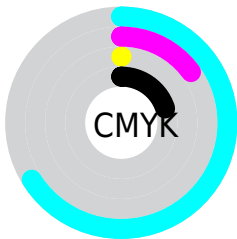
Distribution







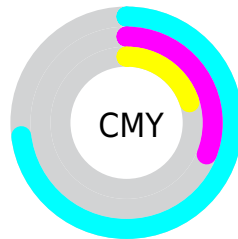
-  Red (27%)
-  Green (69%)
-  Blue (80%)






-  Red (27%)
-  Yellow (51%)
-  Blue (80%)



-  Cyan (66%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (20%)



-  Cyan (73%)
-  Magenta (31%)
-  Yellow (20%)

Brightness & Saturation Gradients

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

46AFCD

46AFCD

FFFFFF

1D94B1

84E7FF

007A97

A2FFFF

00617D

C0FFFF

004964

DEFFFF

00324C

FCFFFF

001F35

000220

000003

000000

■ 46AFCD

■ 46AFCD

■ 32AACD

■ 5AB4CD

■ 1DA6CD

■ 6FB8CD

■ 08A1CD

■ 84BDCD

■ 009FCD

■ 98C1CD

■ ADC6CD

■ C1CACD

■ D6CFCD

■ EAD3CD

■ FFD8CD

Harmonies

Analogous

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



44B2B4



46AFCD



6BA8DA

Triad

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



46AFCD



D48EAE



A3A76C

Complementary

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



46AFCD



CD6446

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.



BF9D6A



46AFCD



DB8D91

Square

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



46AFCD



BD95C8



D49478



83AE7C

Rectangle

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



46AFCD



89A2DB



D49478



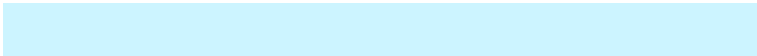
ADA46A

Sweetspot

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



46AFCD



CCF4FF



46CD63



617980



000000



808080

Same Dimension

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



46AFCD



36D2FF



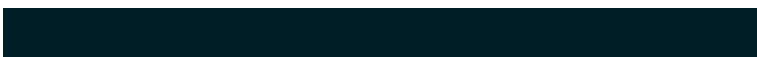
466CCD



5C6466



0081A6



001E26

Inverse Universe

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



CD46AF



FF36D2



CDA746



665C64



A60081



26001E

Previews

White Background



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

Color Contrast Check

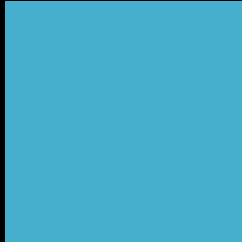
Large Text (above 18pt) WCAG AA × Fail

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 46AFCD 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 46AFCD Background



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

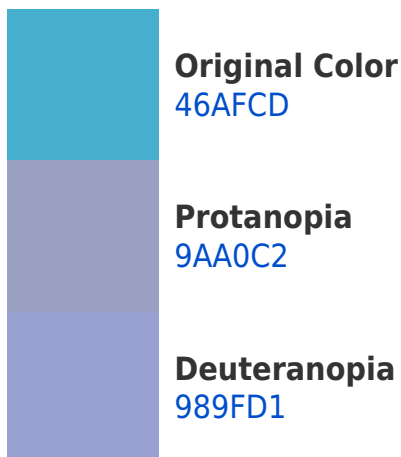


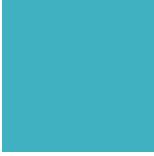
This preview shows how white text looks on a background with the Hex color 46AFCD.

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](#).

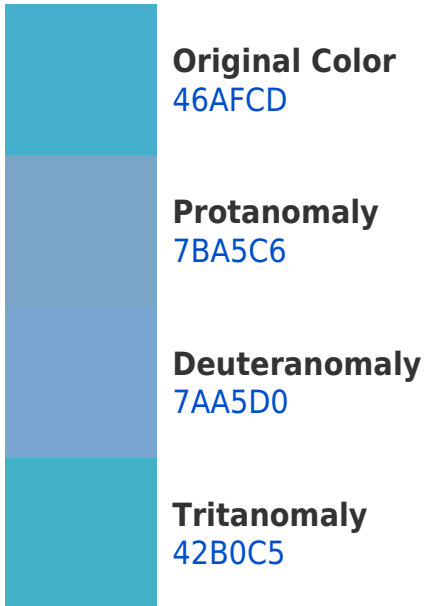
Dichromacy



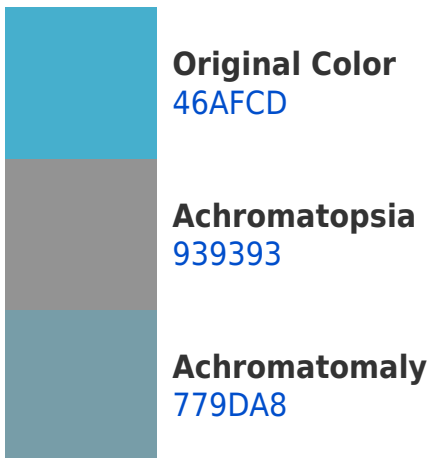


Tritanopia
3FB1C0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #46AFCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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