

Converting Colors

Hex(46F2DF)

Have a look what the booklet for
Hex(46F2DF) contains.

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Color

Hex(46F2DF)

Conversions

Conversions Part 1

Format	Color
Hex	46F2DF
RGB	70, 242, 223
RGB Percent	27%, 95%, 87%
CMY	0.7255, 0.0510, 0.1255
CMYK	0.71, 0.00, 0.08, 0.05
HSL	173°, 87%, 61%
HSV	173°, 71%, 95%
XYZ	47.5972, 70.1341, 80.8406
YIQ	188.4060, -96.4130, -42.3730

Conversions

Conversions Part 2

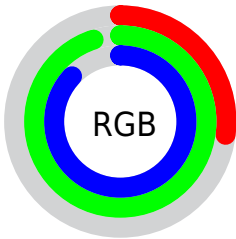
Format	Color
RYB	70, 161, 242
Decimal	4649695
CIELab	87.06, -47.18, -3.41
CIELCh	87, 47.303, 184.130
Yxy	70.1341, 0.2397, 0.3532
Android (android.graphics.Color)	4282839775 (0xFF46F2DF)
YUV	188.4060, 17.0548, -103.8421
Hunter-Lab	83.7461, -45.1049, 1.3892

Details

The Hex color **46F2DF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F24659**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **8DFFFF**, and **00B9A8** is the 20% darker color. If you saturate the color by 10%, you get **2EF2DC**, and if you desaturate by 10%, it is **5EF2E2**.

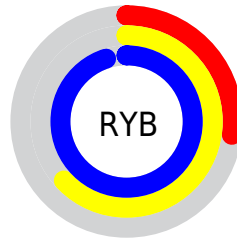
Distribution



Red (27%)

Green (95%)

Blue (87%)



Red (27%)

Yellow (63%)

Blue (95%)

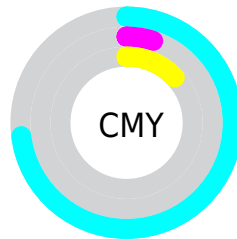


Cyan (71%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (73%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46F2DF 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 46F2DF by changing the saturation by 10% instead.

 46F2DF

 46F2DF

FFFFFF

 01D5C3

 8DFFFF

 00B9A8

 ADFFFF

 009D8E

 CCFFFF

 008374

 ECFFFF

 00695C

 004F44

 00372E

 002119

 000000

 46F2DF

 46F2DF

 2EF2DC

 5EF2E2

 16F2DA

 76F2E4

 00F2D7

 8FF2E7

 A7F2EA

 BFF2EC

 D7F2EF

 EFF2F2

 FFF2F4

 FFF2F7

Harmonies

Analogous

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



8AEFB1



46F2DF



00F0FF

Triad

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



46F2DF



E7CCFF



FFCA8A

Complementary

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



46F2DF



F24659

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.



FFBCAA



46F2DF



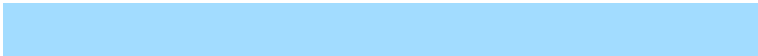
FFBDFD

Square

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



46F2DF



A2DCFF



FFB7D5



F1D97F

Rectangle

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



46F2DF



25ECFF



FFB7D5



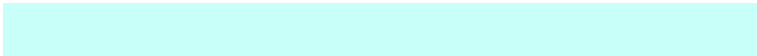
FFC593

Sweetspot

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



46F2DF



C9FFF9



5AF246



60807C



000000



808080

Same Dimension

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



46F2DF



26FFE7



46B0F2



6C7877



00B8A3



003832

Inverse Universe

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



F24659



FF263E



F28846



786C6D



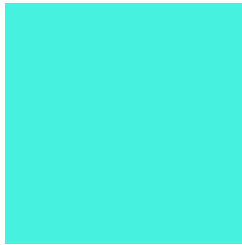
B80014



380006

Previews

White Background



This preview shows how the Hex color 46F2DF looks on a white background.

Color Contrast Check

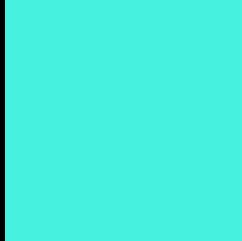
Large Text (above 18pt) WCAG AA × Fail

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 46F2DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

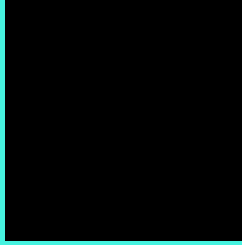
Any Text WCAG AA ✓ Pass

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 46F2DF Background



This preview shows how black text looks on a background with the Hex color 46F2DF.

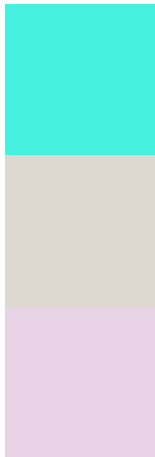


This preview shows how white text looks on a background with the Hex color 46F2DF.

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](#).

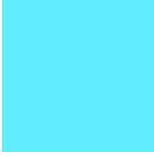
Dichromacy



Original Color
46F2DF

Protanopia
DED7D0

Deuteranopia
E7D2E6



Tritanopia
61ECFF

Trichromacy



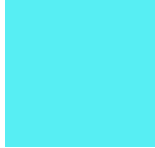
Original Color
46F2DF



Protanomaly
A7E1D5



Deuteranomaly
ACDEE3

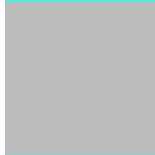


Tritanomaly
57EEF3

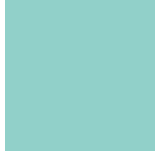
Monochromacy



Original Color
46F2DF



Achromatopsia
BCBCBC



Achromatomaly
91D0C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 46F2DF 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 #46F2DF looks like.

```
.text, #text, p{  
    color:#46F2DF  
}
```

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 #46F2DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46F2DF
}
```

Border

The CSS property to change the border of an element to Hex 46F2DF 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
#46F2DF }
```

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

```
.border{ border-color:#46F2DF }
```

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

Here you see how a box with a 4 pixel #46F2DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46F2DF; -webkit-box-shadow:4px 4px  
4px 4px #46F2DF; box-shadow:4px 4px 4px  
4px #46F2DF }
```

Background

The CSS property to change the background color of an element to Hex 46F2DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46F2DF }
```

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

```
.background{ background-color:#46F2DF }
```

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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