

Converting Colors

Hex(6AF2D4)

Have a look what the booklet for
Hex(6AF2D4) contains.

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Color

Hex(6AF2D4)

Conversions

Conversions Part 1

Format	Color
Hex	6AF2D4
RGB	106, 242, 212
RGB Percent	42%, 95%, 83%
CMY	0.5843, 0.0510, 0.1686
CMYK	0.56, 0.00, 0.12, 0.05
HSL	167°, 84%, 68%
HSV	167°, 56%, 95%
XYZ	49.5797, 71.3219, 73.4407
YIQ	197.9160, -71.4260, -38.1620

Conversions

Conversions Part 2

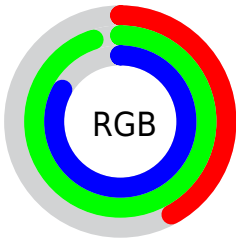
Format	Color
R _{YB}	106, 182, 242
Decimal	7008980
CIE _{Lab}	87.64, -44.24, 3.29
CIE _{LCh}	88, 44.359, 175.741
Y _{xy}	71.3219, 0.2551, 0.3670
Android (android.graphics.Color)	4285199060 (0xFF6AF2D4)
YUV	197.9160, 6.9434, -80.6103
Hunter-Lab	84.4523, -42.9990, 7.5573

Details

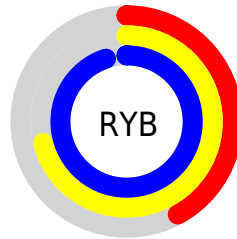
The Hex color **6AF2D4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F26A88**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A7FFFF**, and **1FB99D** is the 20% darker color. If you saturate the color by 10%, you get **52F2CF**, and if you desaturate by 10%, it is **82F2D9**.

Distribution



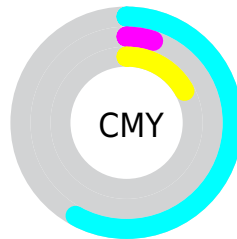
- Red (42%)
- Green (95%)
- Blue (83%)



- Red (42%)
- Yellow (71%)
- Blue (95%)



- Cyan (56%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (58%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AF2D4 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 6AF2D4 by changing the saturation by 10% instead.

 6AF2D4

 6AF2D4

FFFFFF

 49D5B8

 A7FFFF

 1FB99D

 C5FFFF

 009E83

 E4FFFF

 00836A

 006952

 00503B

 003826

 002211

 000000

 6AF2D4

 6AF2D4

 52F2CF

 82F2D9

 3AF2C9

 9AF2DF

 21F2C4

 B3F2E4

 09F2BF

 CBF2E9

 00F2BD

 E3F2EF

 FBF2F4

 FFF2F9

 FFF2FF

Harmonies

Analogous

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



A1EDAB



6AF2D4



35F2FF

Triad

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



6AF2D4



D8D3FF



FFC897

Complementary

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



6AF2D4



F26A88

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.



FFBDB9



6AF2D4



FFC4FF

Square

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



6AF2D4



95E2FF



FFBCE3



FDD787

Rectangle

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



6AF2D4



3AEFFF



FFBCE3



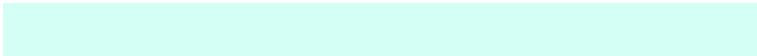
FFC4A1

Sweetspot

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



6AF2D4



D4FFF5



8AF26A



66807A



000000



808080

Same Dimension

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



6AF2D4



54FFD9



6ACEF2



6C7875



00B88F



00382C

Inverse Universe

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



F26A88



FF547A



F28E6A



786C6F



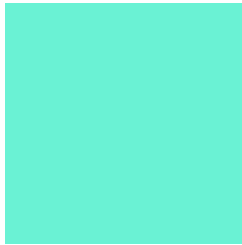
B80029



38000C

Previews

White Background



This preview shows how the Hex color 6AF2D4 looks on a white background.

Color Contrast Check

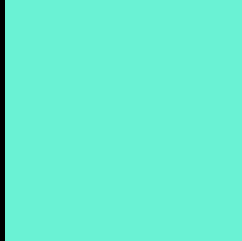
Large Text (above 18pt) WCAG AA × Fail

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 6AF2D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

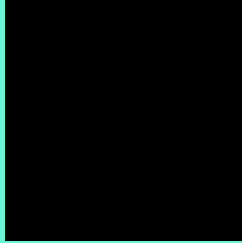
Any Text WCAG AA ✓ Pass

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 6AF2D4 Background



This preview shows how black text looks on a background with the Hex color 6AF2D4.

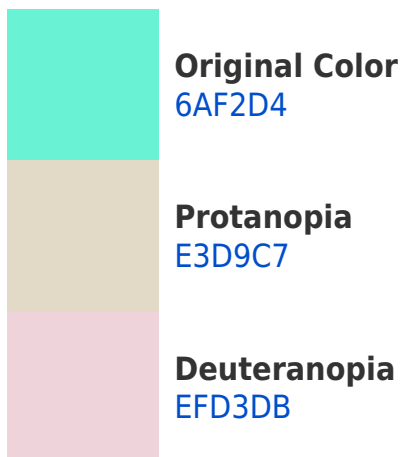


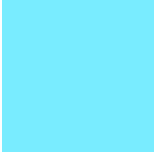
This preview shows how white text looks on a background with the Hex color 6AF2D4.

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
79ECFF

Trichromacy



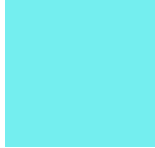
Original Color
6AF2D4



Protanomaly
B7E2CC



Deuteranomaly
BFDED8

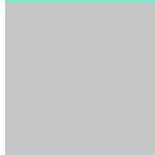


Tritanomaly
74EEEF

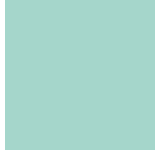
Monochromacy



Original Color
6AF2D4



Achromatopsia
C6C6C6



Achromatomaly
A5D6CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AF2D4 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 #6AF2D4 looks like.

```
.text, #text, p{  
    color:#6AF2D4  
}
```

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 #6AF2D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF2D4
}
```

Border

The CSS property to change the border of an element to Hex 6AF2D4 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
#6AF2D4 }
```

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

```
.border{ border-color:#6AF2D4 }
```

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

Here you see how a box with a 4 pixel #6AF2D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF2D4; -webkit-box-shadow:4px 4px  
4px 4px #6AF2D4; box-shadow:4px 4px 4px  
4px #6AF2D4 }
```

Background

The CSS property to change the background color of an element to Hex 6AF2D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF2D4 }
```

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

```
.background{ background-color:#6AF2D4 }
```

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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