

Converting Colors

Hex(44D0F2)

Have a look what the booklet for
Hex(44D0F2) contains.

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Color

Hex(44D0F2)

Conversions

Conversions Part 1

Format	Color
Hex	44D0F2
RGB	68, 208, 242
RGB Percent	27%, 82%, 95%
CMY	0.7333, 0.1843, 0.0510
CMYK	0.72, 0.14, 0.00, 0.05
HSL	192°, 87%, 61%
HSV	192°, 72%, 95%
XYZ	40.9668, 52.7515, 92.0273
YIQ	170.0160, -94.3540, -19.1060

Conversions

Conversions Part 2

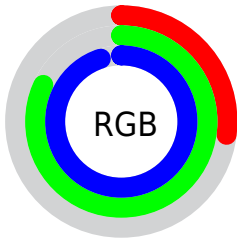
Format	Color
RYB	68, 146, 242
Decimal	4509938
CIELab	77.73, -26.31, -27.50
CIElCh	78, 38.056, 226.261
Yxy	52.7515, 0.2206, 0.2840
Android (android.graphics.Color)	4282700018 (0xFF44D0F2)
YUV	170.0160, 35.4881, -89.4680
Hunter-Lab	72.6302, -26.4207, -24.2832

Details

The Hex color **44D0F2** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F26644**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8AFFFF**, and **0099BA** is the 20% darker color. If you saturate the color by 10%, you get **2CCBF2**, and if you desaturate by 10%, it is **5CD5F2**.

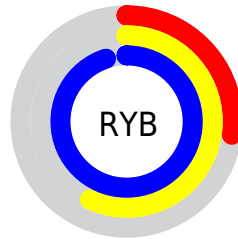
Distribution



Red (27%)

Green (82%)

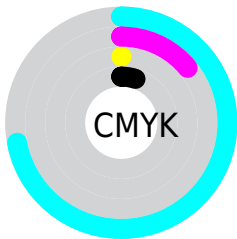
Blue (95%)



Red (27%)

Yellow (57%)

Blue (95%)

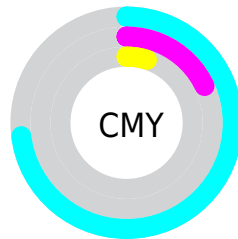


Cyan (72%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44D0F2 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 44D0F2 by changing the saturation by 10% instead.

44D0F2

44D0F2

FFFFFF

02B4D6

8AFFFF

0099BA

A9FFFF

007F9F

C8FFFF

006685

E8FFFF

004E6B

003653

00223B

000226

00010F

■ 44D0F2

■ 44D0F2

■ 2CCBF2

■ 5CD5F2

■ 14C7F2

■ 74D9F2

■ 00C3F2

■ 8DDEF2

■ A5E3F2

■ BDE8F2

■ D5ECF2

■ EDF1F2

■ FFF6F2

■ FFFBF2

Harmonies

Analogous

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



48D3D3



44D0F2



74C8FF

Triad

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



44D0F2



FBA7D2



C5C47B

Complementary

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



44D0F2



F26644

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.



E6B87C



44D0F2



FFA6AE

Square

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



44D0F2



DCB0F1



FEAD8F



9DCD8E

Rectangle

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



44D0F2



9BC1FF



FEAD8F



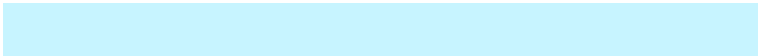
D1C079

Sweetspot

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



44D0F2



C7F4FF



44F264



5E7980



000000



808080

Same Dimension

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



44D0F2



24D4FF



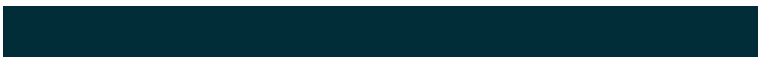
447BF2



6C7678



0094B8



002D38

Inverse Universe

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



F244D0



FF24D4



F2BB44



786C76



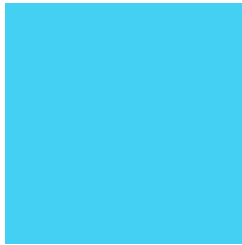
B80094



38002D

Previews

White Background



This preview shows how the Hex color 44D0F2 looks on a white background.

Color Contrast Check

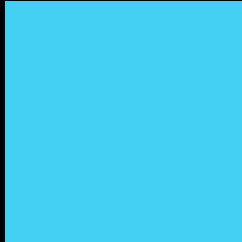
Large Text (above 18pt) WCAG AA × Fail

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 44D0F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

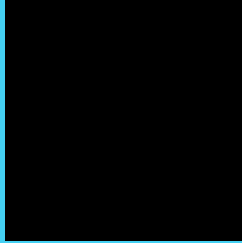
Any Text WCAG AA ✓ Pass

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 44D0F2 Background



This preview shows how black text looks on a background with the Hex color 44D0F2.

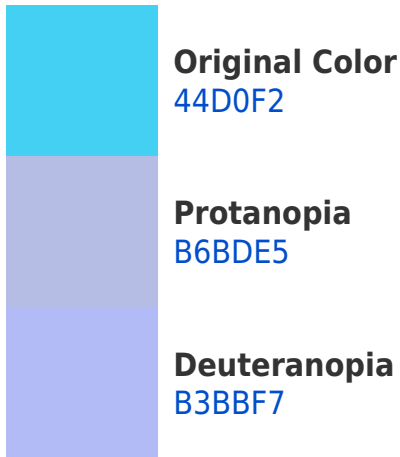


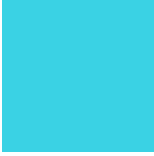
This preview shows how white text looks on a background with the Hex color 44D0F2.

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](#).

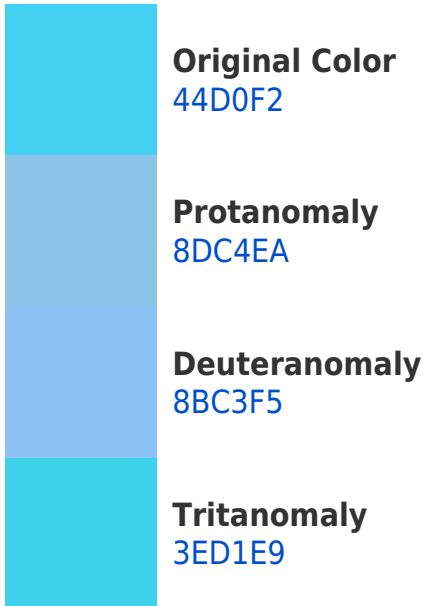
Dichromacy



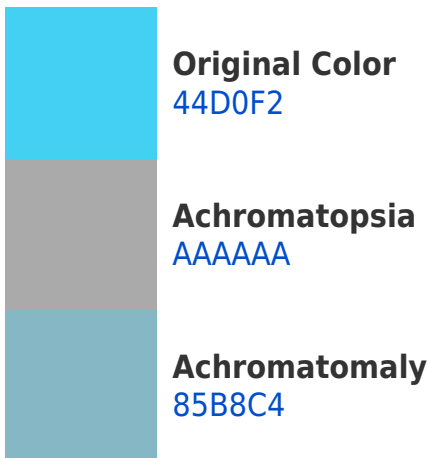


Tritanopia
3AD2E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44D0F2 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 #44D0F2 looks like.

```
.text, #text, p{  
    color:#44D0F2  
}
```

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 #44D0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D0F2  
}
```

Border

The CSS property to change the border of an element to Hex 44D0F2 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  
#44D0F2 }
```

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

```
.border{ border-color:#44D0F2 }
```

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

Here you see how a box with a 4 pixel #44D0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D0F2; -webkit-box-shadow:4px 4px  
4px 4px #44D0F2; box-shadow:4px 4px 4px  
4px #44D0F2 }
```

Background

The CSS property to change the background color of an element to Hex 44D0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D0F2 }
```

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

```
.background{ background-color:#44D0F2 }
```

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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