

Converting Colors

Hex(24F0DE)

Have a look what the booklet for
Hex(24F0DE) contains.

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Color

Hex(24F0DE)

Conversions

Conversions Part 1

Format	Color
Hex	24F0DE
RGB	36, 240, 222
RGB Percent	14%, 94%, 87%
CMY	0.8588, 0.0588, 0.1294
CMYK	0.85, 0.00, 0.07, 0.06
HSL	175°, 87%, 54%
HSV	175°, 85%, 94%
XYZ	45.0725, 67.9692, 79.8510
YIQ	176.9520, -115.8060, -48.8460

Conversions

Conversions Part 2

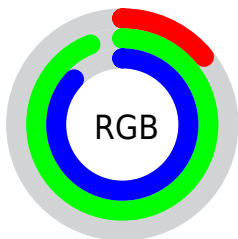
Format	Color
R _Y B	36, 143, 240
Decimal	2420958
CIE Lab	85.99, -49.71, -4.51
CIE LCh	86, 49.914, 185.186
Yxy	67.9692, 0.2337, 0.3524
Android (android.graphics.Color)	4280611038 (0xFF24F0DE)
YUV	176.9520, 22.2087, -123.6149
Hunter-Lab	82.4434, -46.6886, 0.2847

Details

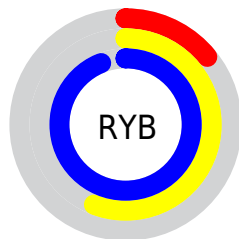
The Hex color **24F0DE** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F02436**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7BFFFF**, and **00B7A7** is the 20% darker color. If you saturate the color by 10%, you get **0CF0DC**, and if you desaturate by 10%, it is **3CF0E0**.

Distribution



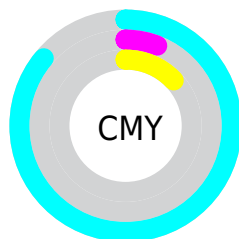
- Red (14%)
- Green (94%)
- Blue (87%)



- Red (14%)
- Yellow (56%)
- Blue (94%)



- Cyan (85%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (86%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24F0DE 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 24F0DE by changing the saturation by 10% instead.

 24F0DE

 24F0DE

FFFFFF

 00D3C2

 7BFFFF

 00B7A7

 9DFFFF

 009B8D

 BDFFFF

 008173

 DDFFFF

 00675B

 FDFFFF

 004D43

 00352D

 001E19

 000000

 24F0DE

 24F0DE

 0CF0DC

 3CF0E0

 00F0DB

 54F0E2

 6CF0E4

 84F0E6

 9CF0E9

 B4F0EB

 CCF0ED

 E4F0EF

 FCF0F1

Harmonies

Analogous

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



7FEDAE



24F0DE



00EEFF

Triad

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



24F0DE



E7C8FF



FFC682

Complementary

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



24F0DE



F02436

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.



FFB7A3



24F0DE



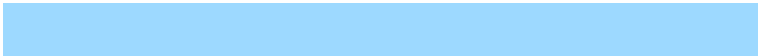
FFB8FF

Square

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



24F0DE



9DD9FF



FFB1D1



EDD777

Rectangle

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



24F0DE



00EAFF



FFB1D1



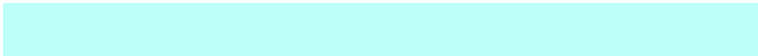
FFC18B

Sweetspot

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



24F0DE



BDFFF9



38F024



58807C



000000



808080

Same Dimension

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



24F0DE



00FFE9



249EF0



6C7877



00B8A7



003833

Inverse Universe

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



F02436



FF0016



F07624



786C6D



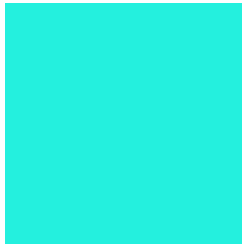
B80010



380005

Previews

White Background



This preview shows how the Hex color 24F0DE looks on a white background.

Color Contrast Check

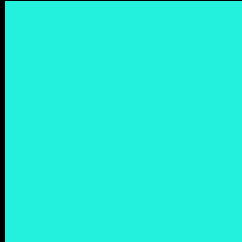
Large Text (above 18pt) WCAG AA × Fail

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 24F0DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

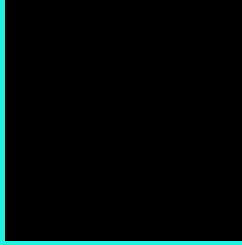
Any Text WCAG AA ✓ Pass

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 24F0DE Background



This preview shows how black text looks on a background with the Hex color 24F0DE.

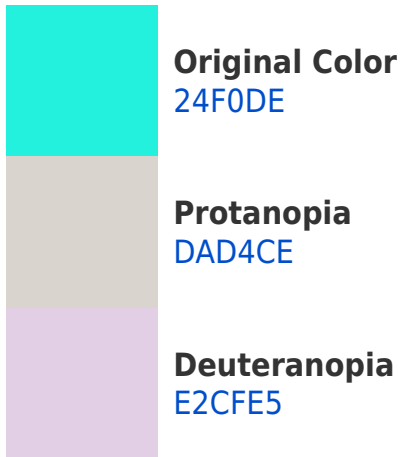


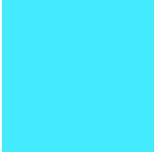
This preview shows how white text looks on a background with the Hex color 24F0DE.

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



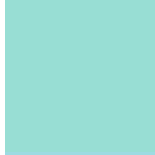


Tritanopia
42EBFE

Trichromacy



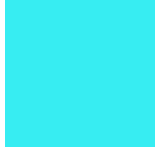
Original Color
24F0DE



Protanomaly
98DED4



Deuteranomaly
9DDBE2

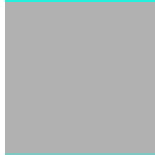


Tritanomaly
37EDF2

Monochromacy



Original Color
24F0DE



Achromatopsia
B1B1B1



Achromatomaly
7EC8C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 24F0DE 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 #24F0DE looks like.

```
.text, #text, p{  
    color:#24F0DE  
}
```

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 #24F0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24F0DE
}
```

Border

The CSS property to change the border of an element to Hex 24F0DE 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
#24F0DE }
```

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

```
.border{ border-color:#24F0DE }
```

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

Here you see how a box with a 4 pixel #24F0DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24F0DE; -webkit-box-shadow:4px 4px  
4px 4px #24F0DE; box-shadow:4px 4px 4px  
4px #24F0DE }
```

Background

The CSS property to change the background color of an element to Hex 24F0DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24F0DE }
```

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

```
.background{ background-color:#24F0DE }
```

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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