

Converting Colors

Hex(24F0CE)

Have a look what the booklet for
Hex(24F0CE) contains.

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Color

Hex(24F0CE)

Conversions

Conversions Part 1

Format	Color
Hex	24F0CE
RGB	36, 240, 206
RGB Percent	14%, 94%, 81%
CMY	0.8588, 0.0588, 0.1922
CMYK	0.85, 0.00, 0.14, 0.06
HSL	170°, 87%, 54%
HSV	170°, 85%, 94%
XYZ	43.0282, 67.1515, 69.0862
YIQ	175.1280, -110.6700, -53.8220

Conversions

Conversions Part 2

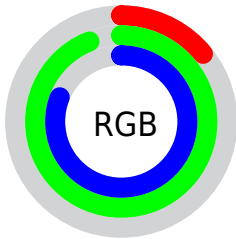
Format	Color
R _Y B	36, 147, 240
Decimal	2420942
CIE Lab	85.58, -53.93, 3.28
CIE LCh	86, 54.025, 176.520
Yxy	67.1515, 0.2400, 0.3746
Android (android.graphics.Color)	4280611022 (0xFF24F0CE)
YUV	175.1280, 15.2199, -122.0153
Hunter-Lab	81.9460, -49.6787, 7.3766

Details

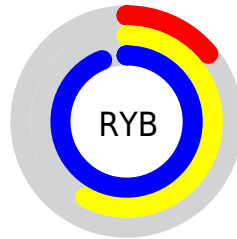
The Hex color **24F0CE** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F02446**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **7AFFFF**, and **00B798** is the 20% darker color. If you saturate the color by 10%, you get **0CF0CA**, and if you desaturate by 10%, it is **3CF0D2**.

Distribution



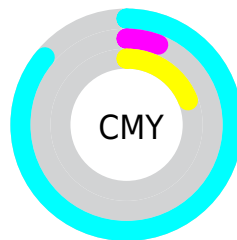
- Red (14%)
- Green (94%)
- Blue (81%)



- Red (14%)
- Yellow (58%)
- Blue (94%)



- Cyan (85%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (86%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24F0CE 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 24F0CE by changing the saturation by 10% instead.

 24F0CE

 24F0CE


FFFFFF

 00D3B3

 7AFFFF

 00B798

 9BFFFF

 009B7E

 BCFFFF

 008065

 DBFFFF

 00664D

 FBFFFF

 004D36

 003521

 001C0B

 000000

 24F0CE

 24F0CE

 0CF0CA

 3CF0D2

 00F0C8

 54F0D6

 6CF0DA

 84F0DE

 9CF0E2

 B4F0E6

 CCF0EA

 E4F0EE

 FCF0F2

Harmonies

Analogous

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



8AEB9C



24F0CE



00F0FF

Triad

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



24F0CE



D1CBFF



FFBF82

Complementary

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



24F0CE



F02446

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.



FFB0AB



24F0CE



FFB8FF

Square

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



24F0CE



74DDFF



FFADDE



FBD16E

Rectangle

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



24F0CE



00ECFF



FFADDE



FFB98E

Sweetspot

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



24F0CE



BDFFF4



46F024



588079



000000



808080

Same Dimension

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



24F0CE



00FFD4



24ACF0



6C7876



00B899



00382F

Inverse Universe

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



F02446



FF002B



F06824



786C6E



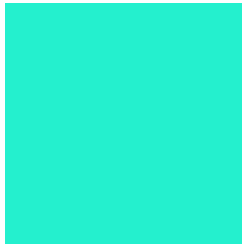
B8001F



380009

Previews

White Background



This preview shows how the Hex color 24F0CE looks on a white background.

Color Contrast Check

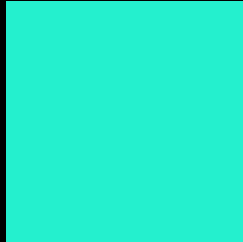
Large Text (above 18pt) WCAG AA × Fail

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 24F0CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

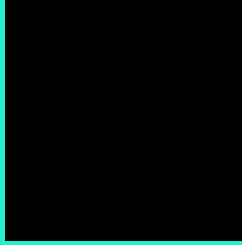
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

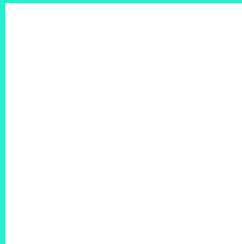
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 24F0CE Background



This preview shows how black text looks on a background with the Hex color 24F0CE.

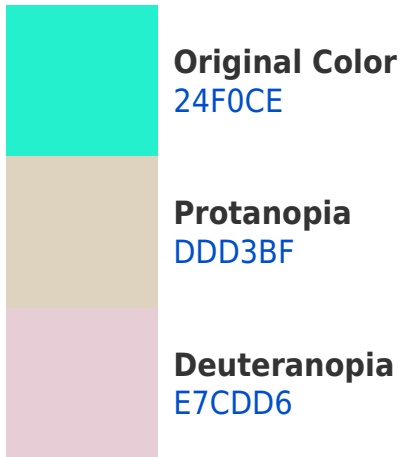


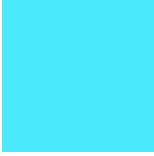
This preview shows how white text looks on a background with the Hex color 24F0CE.

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



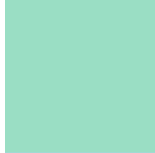


Tritanopia
4AE9FC

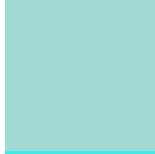
Trichromacy



Original Color
24F0CE



Protanomaly
9ADEC4



Deuteranomaly
A0DAD3

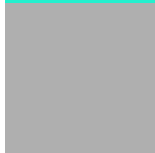


Tritanomaly
3CECEB

Monochromacy



Original Color
24F0CE



Achromatopsia
AFAFAF



Achromatomaly
7CC7BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 24F0CE 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 #24F0CE looks like.

```
.text, #text, p{  
    color:#24F0CE  
}
```

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 #24F0CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24F0CE
}
```

Border

The CSS property to change the border of an element to Hex 24F0CE 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
#24F0CE }
```

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

```
.border{ border-color:#24F0CE }
```

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

Here you see how a box with a 4 pixel #24F0CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24F0CE; -webkit-box-shadow:4px 4px  
4px 4px #24F0CE; box-shadow:4px 4px 4px  
4px #24F0CE }
```

Background

The CSS property to change the background color of an element to Hex 24F0CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24F0CE }
```

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

```
.background{ background-color:#24F0CE }
```

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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