

Converting Colors

Hex(24DCCF)

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

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Color

Hex(24DCCF)

Conversions

Conversions Part 1

Format	Color
Hex	24DCCF
RGB	36, 220, 207
RGB Percent	14%, 86%, 81%
CMY	0.8588, 0.1373, 0.1882
CMYK	0.84, 0.00, 0.06, 0.14
HSL	176°, 72%, 50%
HSV	176°, 84%, 86%
XYZ	37.5832, 56.0665, 67.8726
YIQ	163.5020, -105.4910, -43.0510

Conversions

Conversions Part 2

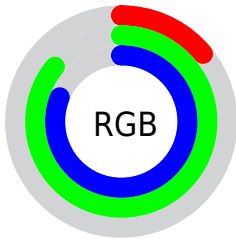
Format	Color
RYB	36, 131, 220
Decimal	2415823
CIELab	79.65, -45.30, -5.93
CIELCh	80, 45.687, 187.459
Yxy	56.0665, 0.2327, 0.3471
Android (android.graphics.Color)	4280605903 (0xFF24DCCF)
YUV	163.5020, 21.4445, -111.8193
Hunter-Lab	74.8775, -41.4413, -1.3290

Details

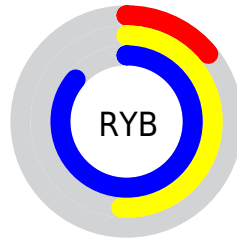
The Hex color **24DCCF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DC2431**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **76FFFF**, and **00A499** is the 20% darker color. If you saturate the color by 10%, you get **0EDCCD**, and if you desaturate by 10%, it is **3ADCD1**.

Distribution



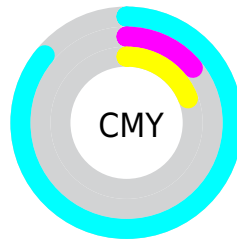
- Red (14%)
- Green (86%)
- Blue (81%)



- Red (14%)
- Yellow (51%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 24DCCF

 24DCCF

FFFFFF

 00C0B4


 76FFFF

 00A499

 97FFFF

 00897F

 B7FFFF

 006F66

 D6FFFF

 00564E

 F6FFFF

 003D37

 002822

 00010D

 000000

■ 24DCCF

■ 24DCCF

■ 0EDCCD

■ 3ADCD1

■ 00DCCC

■ 50DCD2

■ 66DCD4

■ 7CDCD5

■ 92DCD7

■ A8DCD8

■ BEDCDA

■ D4DCDB

■ EADCDD

Harmonies

Analogous

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



73D9A3



24DCCF



00DAF8

Triad

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



24DCCF



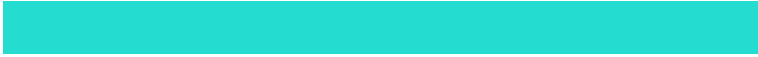
D8B6FF



FCB877

Complementary

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



24DCCF



DC2431

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.



FFAA94



24DCCF



FFA9E7

Square

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



24DCCF



97C6FF



FFA3BC



D6C66F

Rectangle

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



24DCCF



0AD6FF



FFA3BC



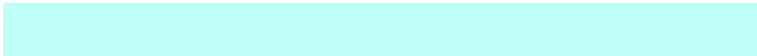
FFB37F

Sweetspot

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



24DCCF



BFFFFA



33DC24



59807D



000000



808080

Same Dimension

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



24DCCF



00FFED



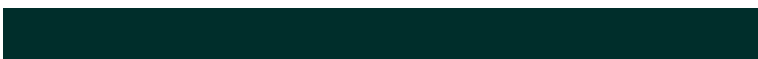
248FDC



636E6D



00ADA1



002E2B

Inverse Universe

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



DC2431



FF0012



DC7124



6E6363



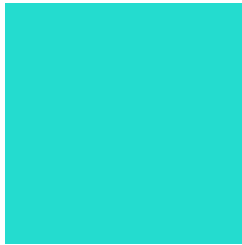
AD000C



2E0003

Previews

White Background



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

Color Contrast Check

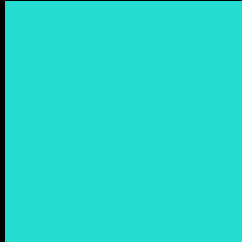
Large Text (above 18pt) WCAG AA × Fail

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 24DCCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

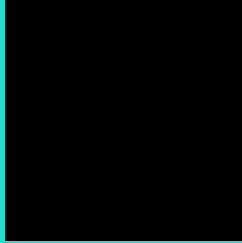
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

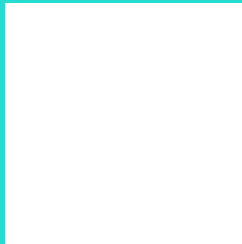
Any Text WCAG AAA ✓ Pass

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

Hex 24DCCF Background



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



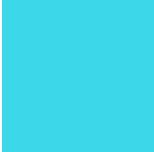
This preview shows how white text looks on a background with the Hex color 24DCCF.

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
3CD8EA

Trichromacy



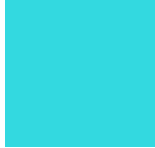
Original Color
24DCCF



Protanomaly
8CCCC5



Deuteranomaly
90C9D3



Tritanomaly
33D9E0

Monochromacy



Original Color
24DCCF



Achromatopsia
A4A4A4



Achromatomaly
75B8B4

CSS Examples

Text

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

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

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 #24DCCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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