

Converting Colors

Hex(25CDCF)

Have a look what the booklet for
Hex(25CDCF) contains.

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Color

Hex(25CDCF)

Conversions

Conversions Part 1

Format	Color
Hex	25CDCF
RGB	37, 205, 207
RGB Percent	15%, 80%, 81%
CMY	0.8549, 0.1961, 0.1882
CMYK	0.82, 0.01, 0.00, 0.19
HSL	181°, 70%, 48%
HSV	181°, 82%, 81%
XYZ	33.8568, 48.5610, 66.6202
YIQ	154.9960, -100.7700, -34.9940

Conversions

Conversions Part 2

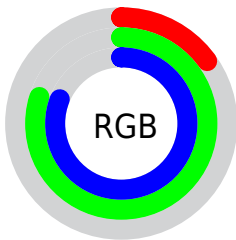
Format	Color
RYB	37, 121, 207
Decimal	2477519
CIELab	75.18, -38.57, -12.59
CIELCh	75, 40.571, 198.075
Yxy	48.5610, 0.2272, 0.3258
Android (android.graphics.Color)	4280667599 (0xFF25CDCF)
YUV	154.9960, 25.6380, -103.4825
Hunter-Lab	69.6857, -35.2258, -7.9019

Details

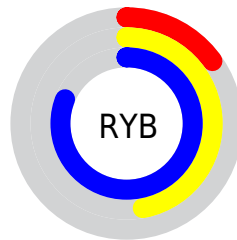
The Hex color **25CDCF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CF2725**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **75FFFF**, and **009699** is the 20% darker color. If you saturate the color by 10%, you get **10CDCF**, and if you desaturate by 10%, it is **3ACDCF**.

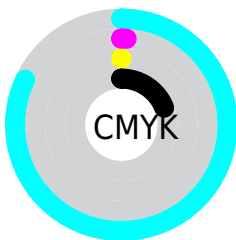
Distribution



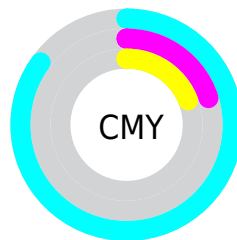
- Red (15%)
- Green (80%)
- Blue (81%)



- Red (15%)
- Yellow (47%)
- Blue (81%)



- Cyan (82%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (85%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25CDCF 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 25CDCF by changing the saturation by 10% instead.

 25CDCF

 25CDCF

FFFFFF

 00B1B3


 75FFFF

 009699

 95FFFF

 007C7F

 B4FFFF

 006266

 D3FFFF

 00494E

 F2FFFF

 003237

 001C22

 00000A

 000000

■ 25CDCF

■ 25CDCF

■ 10CDCF

■ 3ACDCF

■ 00CDCF

■ 4ECDCF

■ 63CECF

■ 78CECF

■ 8CCECF

■ A1CECF

■ B6CFCF

■ CBCFCF

■ DFCFCF

Harmonies

Analogous

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



60CCA8



25CDCF



1FC9F0

Triad

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



25CDCF



D9A7EB



DFB270

Complementary

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



25CDCF



CF2725

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.



F8A583



25CDCF



F89ECA

Square

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



25CDCF



A7B5FF



FF9DA4



BBBE71

Rectangle

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



25CDCF



50C5FE



FF9DA4



E9AD74

Sweetspot

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



25CDCF



BFFEFF



25CF25



597F80



000000



808080

Same Dimension

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



25CDCF



03FCFF



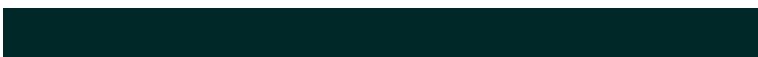
257ACF



5E6869



00A6A8



002829

Inverse Universe

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



CF25CD



FF03FC



CF7A25



695E68



A800A6



290028

Previews

White Background



This preview shows how the Hex color 25CDCF looks on a white background.

Color Contrast Check

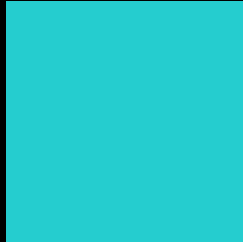
Large Text (above 18pt) WCAG AA × Fail

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 25CDCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

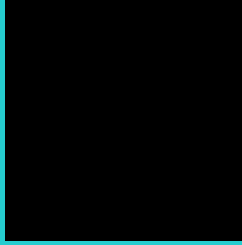
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

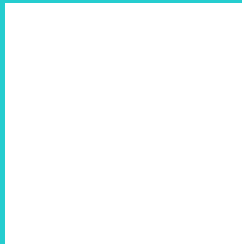
Any Text WCAG AAA ✓ Pass

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

Hex 25CDCF Background



This preview shows how black text looks on a background with the Hex color 25CDCF.



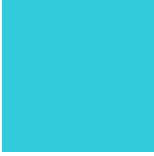
This preview shows how white text looks on a background with the Hex color 25CDCF.

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





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25CDCF 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 #25CDCF looks like.

```
.text, #text, p{  
    color:#25CDCF  
}
```

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 #25CDCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25CDCF
}
```

Border

The CSS property to change the border of an element to Hex 25CDCF 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
#25CDCF }
```

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

```
.border{ border-color:#25CDCF }
```

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

Here you see how a box with a 4 pixel #25CDCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25CDCF; -webkit-box-shadow:4px 4px  
4px 4px #25CDCF; box-shadow:4px 4px 4px  
4px #25CDCF }
```

Background

The CSS property to change the background color of an element to Hex 25CDCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25CDCF }
```

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

```
.background{ background-color:#25CDCF }
```

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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