

# Converting Colors

Hex(25D9DF)

Have a look what the booklet for  
Hex(25D9DF) contains.

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# **Color**

**Hex(25D9DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25D9DF
RGB	37, 217, 223
RGB Percent	15%, 85%, 87%
CMY	0.8549, 0.1490, 0.1255
CMYK	0.83, 0.03, 0.00, 0.13
HSL	182°, 74%, 51%
HSV	182°, 83%, 87%
XYZ	38.8951, 55.3467, 78.4450
YIQ	163.8640, -109.2060, -36.2940

# Conversions

## Conversions Part 2

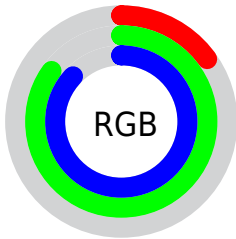
Format	Color
<a href="#">RYB</a>	<a href="#">37, 128, 223</a>
Decimal	<a href="#">2480607</a>
CIELab	<a href="#">79.24, -39.31, -15.09</a>
CIELCh	<a href="#">79, 42.103, 200.996</a>
Yxy	<a href="#">55.3467, 0.2252, 0.3205</a>
Android (android.graphics.Color)	<a href="#">4280670687</a> ( <a href="#">0xFF25D9DF</a> )
YUV	<a href="#">163.8640, 29.1540, -111.2597</a>
Hunter-Lab	<a href="#">74.3954, -36.8693, -10.4406</a>

# Details

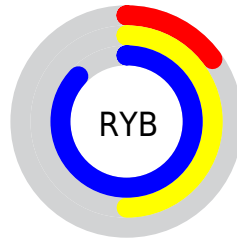
The Hex color **25D9DF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DF2B25**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **78FFFF**, and **00A1A8** is the 20% darker color. If you saturate the color by 10%, you get **0FD8DF**, and if you desaturate by 10%, it is **3BDADF**.

# Distribution



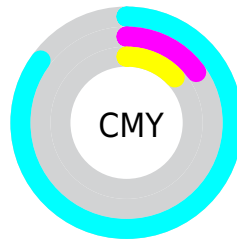
- Red (15%)
- Green (85%)
- Blue (87%)



- Red (15%)
- Yellow (50%)
- Blue (87%)



- Cyan (83%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (15%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25D9DF 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 25D9DF by changing the saturation by 10% instead.



 25D9DF

 25D9DF

FFFFFF

 00BDC3

 78FFFF

 00A1A8

 99FFFF

 00878D

 B9FFFF

 006D74

 D8FFFF

 00545B

 F8FFFF

 003C44

 00272E

 00011A

 000000

 25D9DF

 25D9DF

 0FD8DF

 3BDADF

 00D8DF

 52DADF

 68DBDF

 7EDCDF

 95DDDF

 ABDDDF

 C1DEDF

 D7DFDF

 EEDFDF

# Harmonies

## Analogous

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



62D9B7



25D9DF



2DD5FF

# Triad

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



25D9DF



EAB0F6



E9BE77

# Complementary

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



25D9DF



DF2B25

# 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.



FFB089



25D9DF



FFA7D2

# Square

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



25D9DF



B8BEFF



FFA7AA



C2CA7A

# Rectangle

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



25D9DF



5ECFFF



FFA7AA



F3B97B



# Sweetspot

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



25D9DF



BFFDFF



25DF28



597E80



000000



808080



# Same Dimension

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



25D9DF



00F7FF



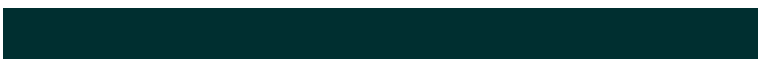
257FDF



657070



00AAB0



002F30



# Inverse Universe

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



DF25D9



FF00F7



DF8525



706570



B000AA

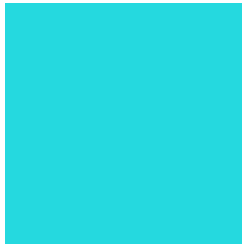


30002F



# Previews

## White Background



This preview shows how the Hex color 25D9DF looks on a white background.

## Color Contrast Check

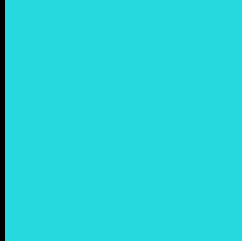
Large Text (above 18pt) WCAG AA × Fail

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 25D9DF 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

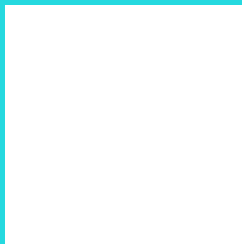
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25D9DF Background



This preview shows how black text looks on a background with the Hex color 25D9DF.

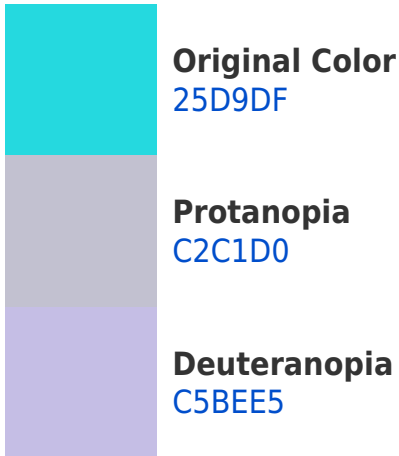


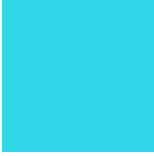
This preview shows how white text looks on a background with the Hex color 25D9DF.

# 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**  
30D7E9

# Trichromacy



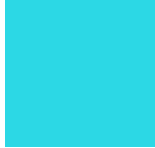
**Original Color**  
25D9DF



**Protanomaly**  
89CAD5



**Deuteranomaly**  
8BC8E3

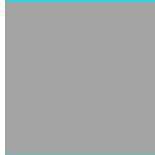


**Tritanomaly**  
2CD8E5

# Monochromacy



**Original Color**  
25D9DF



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
76B7B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25D9DF 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 #25D9DF looks like.

```
.text, #text, p{  
    color:#25D9DF  
}
```

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 #25D9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D9DF  
}
```

## Border

The CSS property to change the border of an element to Hex 25D9DF 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  
#25D9DF }
```

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

```
.border{ border-color:#25D9DF }
```

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

Here you see how a box with a 4 pixel #25D9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D9DF; -webkit-box-shadow:4px 4px  
4px 4px #25D9DF; box-shadow:4px 4px 4px  
4px #25D9DF }
```

# Background

The CSS property to change the background color of an element to Hex 25D9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D9DF }
```

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

```
.background{ background-color:#25D9DF }
```

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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