

# Converting Colors

Hex(36D8DB)

Have a look what the booklet for  
Hex(36D8DB) contains.

<b>Hex(36D8DB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(36D8DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36D8DB
RGB	54, 216, 219
RGB Percent	21%, 85%, 86%
CMY	0.7882, 0.1529, 0.1412
CMYK	0.75, 0.01, 0.00, 0.14
HSL	181°, 70%, 54%
HSV	181°, 75%, 86%
XYZ	38.8634, 55.0105, 75.5876
YIQ	167.9040, -97.5150, -33.4110

# Conversions

## Conversions Part 2

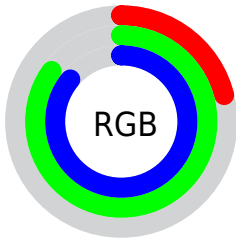
Format	Color
<a href="#">RYB</a>	54, 136, 219
Decimal	3594459
CIELab	79.05, -38.58, -13.22
CIELCh	79, 40.776, 198.910
Yxy	55.0105, 0.2293, 0.3246
Android (android.graphics.Color)	4281784539 (0xFF36D8DB)
YUV	167.9040, 25.1903, -99.8938
Hunter-Lab	74.1690, -36.2647, -8.5056

# Details

The Hex color **36D8DB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DB3936**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **80FFFF**, and **00A0A4** is the 20% darker color. If you saturate the color by 10%, you get **20D8DB**, and if you desaturate by 10%, it is **4CD8DB**.

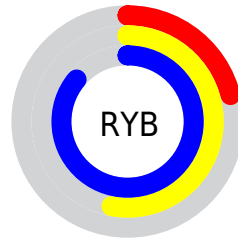
# Distribution



Red (21%)

Green (85%)

Blue (86%)



Red (21%)

Yellow (53%)

Blue (86%)

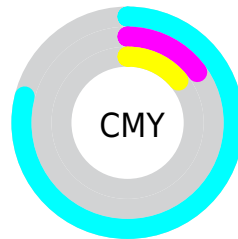


Cyan (75%)

Magenta (1%)

Yellow (0%)

Black (14%)



Cyan (79%)

Magenta (15%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36D8DB 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 36D8DB by changing the saturation by 10% instead.



 36D8DB

 36D8DB

FFFFFF

 00BCBF

 80FFFF

 00A0A4

 A0FFFF

 00868A

 BFFFFFF

 006C70

 DEFFFF

 005358

 FFFFFFF

 003B41

 00262B

 000117

 000000

■ 36D8DB

■ 36D8DB

■ 20D8DB

■ 4CD8DB

■ 0AD7DB

■ 62D9DB

■ 00D7DB

■ 78D9DB

■ 8EDADB

■ A4DADB

■ B9DADB

■ CFDBDB

■ E5DBDB

■ FBDCDB

# Harmonies

## Analogous

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



69D7B4



36D8DB



36D4FC

# Triad

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



36D8DB



E6B1F6



EABD79

# Complementary

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



36D8DB



DB3936

# 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.



FFB08C



36D8DB



FFA8D3

# Square

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



36D8DB



B4BFFF



FFA7AD



C5C97B

# Rectangle

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



36D8DB



5FCFFF



FFA7AD



F4B87D



# Sweetspot

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



36D8DB



C4FEFF



36DB39



5C7F80



000000



808080



# Same Dimension

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



36D8DB



19FBFF



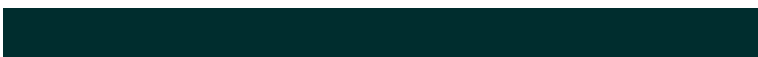
3686DB



636D6E



00AAAD



002D2E



# Inverse Universe

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



DB36D8



FF19FB



DB8B36



6E636D



AD00AA

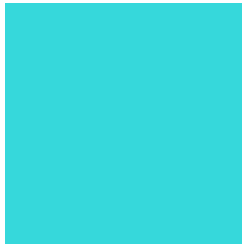


2E002D



# Previews

## White Background



This preview shows how the Hex color 36D8DB looks on a white background.

## Color Contrast Check

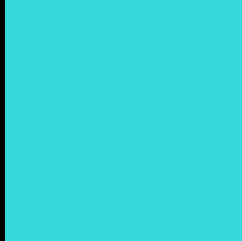
Large Text (above 18pt) WCAG AA × Fail

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 36D8DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

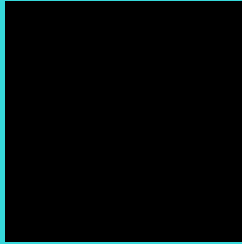
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 36D8DB Background



This preview shows how black text looks on a background with the Hex color 36D8DB.

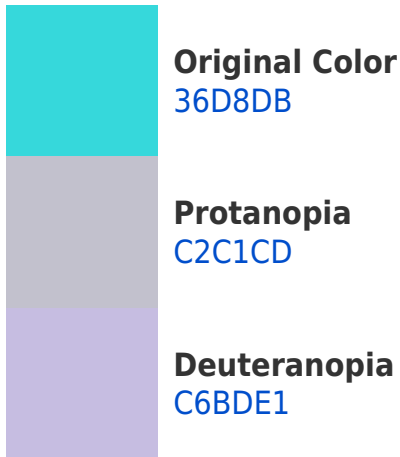


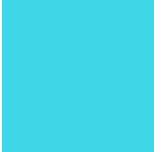
This preview shows how white text looks on a background with the Hex color 36D8DB.

# 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](#).

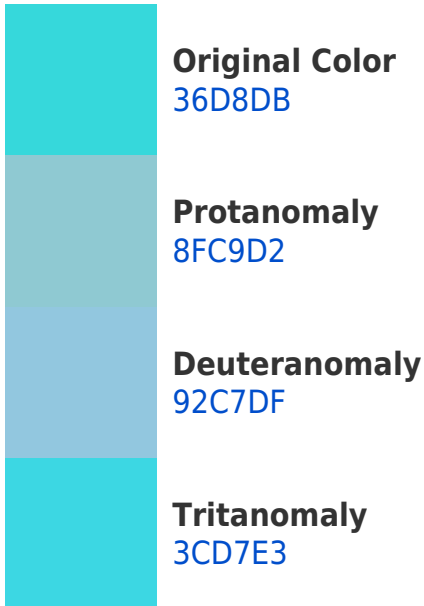
## Dichromacy



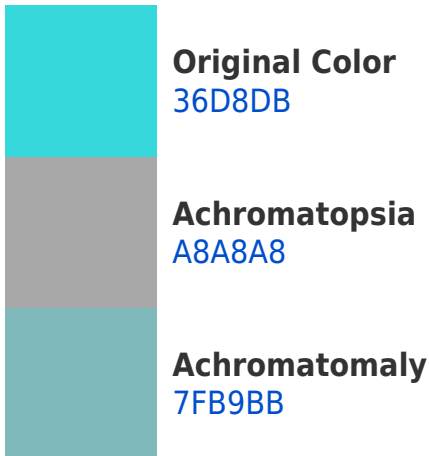


**Tritanopia**  
3FD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36D8DB 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 #36D8DB looks like.

```
.text, #text, p{  
    color:#36D8DB  
}
```

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 #36D8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36D8DB
}
```

## Border

The CSS property to change the border of an element to Hex 36D8DB 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
#36D8DB }
```

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

```
.border{ border-color:#36D8DB }
```

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

Here you see how a box with a 4 pixel #36D8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36D8DB; -webkit-box-shadow:4px 4px  
4px 4px #36D8DB; box-shadow:4px 4px 4px  
4px #36D8DB }
```

# Background

The CSS property to change the background color of an element to Hex 36D8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36D8DB }
```

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

```
.background{ background-color:#36D8DB }
```

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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