

Converting Colors

Hex(36D8DD)

Have a look what the booklet for
Hex(36D8DD) contains.

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Color

Hex(36D8DD)

Conversions

Conversions Part 1

Format	Color
Hex	36D8DD
RGB	54, 216, 221
RGB Percent	21%, 85%, 87%
CMY	0.7882, 0.1529, 0.1333
CMYK	0.76, 0.02, 0.00, 0.13
HSL	182°, 71%, 54%
HSV	182°, 76%, 87%
XYZ	39.1283, 55.1165, 76.9829
YIQ	168.1320, -98.1570, -32.7890

Conversions

Conversions Part 2

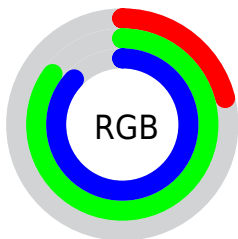
Format	Color
RYB	54, 136, 221
Decimal	3594461
CIELab	79.11, -38.00, -14.19
CIELCh	79, 40.561, 200.482
Yxy	55.1165, 0.2285, 0.3219
Android (android.graphics.Color)	4281784541 (0xFF36D8DD)
YUV	168.1320, 26.0639, -100.0938
Hunter-Lab	74.2405, -35.8426, -9.5118

Details

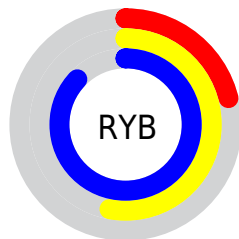
The Hex color **36D8DD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD3B36**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **80FFFF**, and **00A1A6** is the 20% darker color. If you saturate the color by 10%, you get **20D7DD**, and if you desaturate by 10%, it is **4CD9DD**.

Distribution



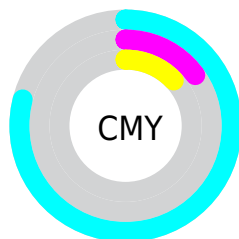
- Red (21%)
- Green (85%)
- Blue (87%)



- Red (21%)
- Yellow (53%)
- Blue (87%)



- Cyan (76%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36D8DD 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 36D8DD by changing the saturation by 10% instead.

 36D8DD

 36D8DD

FFFFFF

 00BCC1

 80FFFF

 00A1A6

 A0FFFF

 00868C

 BFFFFFF

 006C72

 DEFFFF

 00535A

FEFFFF

 003B42

 00262C

 000118

 000000

■ 36D8DD

■ 36D8DD

■ 20D7DD

■ 4CD9DD

■ 0AD7DD

■ 62D9DD

■ 00D6DD

■ 78DADD

■ 8EDBDD

■ A5DBDD

■ BBDCDD

■ D1DDDD

■ E7DDDD

■ FDDEDD

Harmonies

Analogous

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



67D7B6



36D8DD



3BD4FD

Triad

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



36D8DD



E8B1F4



E8BD79

Complementary

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



36D8DD



DD3B36

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.



FFB18B



36D8DD



FFA8D2

Square

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



36D8DD



B7BFFF



FFA8AB



C3CA7C

Rectangle

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



36D8DD



64CFFF



FFA8AB



F2B97D

Sweetspot

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



36D8DD



C4DFFF



36DD39



5C7E80



000000



808080

Same Dimension

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



36D8DD



17F8FF



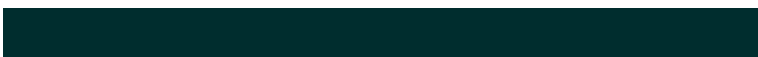
3687DD



636D6E



00A8AD



002D2E

Inverse Universe

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



DD36D8



FF17F8



DD8C36



6E636D



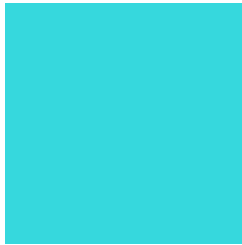
AD00A8



2E002D

Previews

White Background



This preview shows how the Hex color 36D8DD looks on a white background.

Color Contrast Check

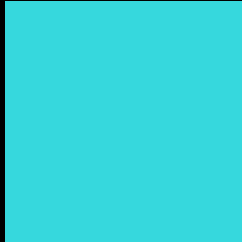
Large Text (above 18pt) WCAG AA × Fail

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 36D8DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

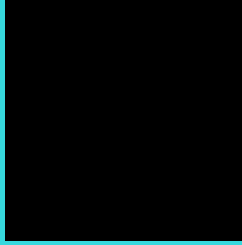
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

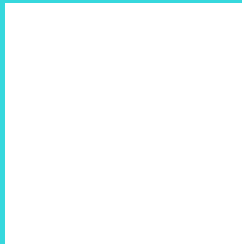
Any Text WCAG AAA ✓ Pass

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

Hex 36D8DD Background



This preview shows how black text looks on a background with the Hex color 36D8DD.

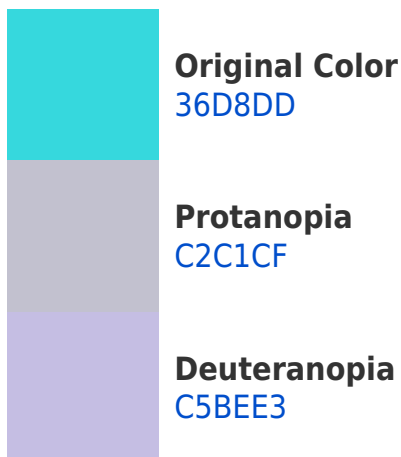


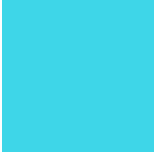
This preview shows how white text looks on a background with the Hex color 36D8DD.

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
3ED6E8

Trichromacy



Original Color
36D8DD



Protanomaly
8FC9D4



Deuteranomaly
91C7E1

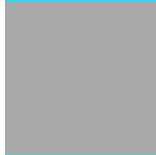


Tritanomaly
3BD7E4

Monochromacy



Original Color
36D8DD



Achromatopsia
A8A8A8



Achromatomaly
7FB9BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 36D8DD 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 #36D8DD looks like.

```
.text, #text, p{  
  color:#36D8DD  
}
```

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 #36D8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36D8DD
}
```

Border

The CSS property to change the border of an element to Hex 36D8DD 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
#36D8DD }
```

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

```
.border{ border-color:#36D8DD }
```

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

Here you see how a box with a 4 pixel #36D8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36D8DD; -webkit-box-shadow:4px 4px  
4px 4px #36D8DD; box-shadow:4px 4px 4px  
4px #36D8DD }
```

Background

The CSS property to change the background color of an element to Hex 36D8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36D8DD }
```

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

```
.background{ background-color:#36D8DD }
```

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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