

Converting Colors

Hex(37D2D2)

Have a look what the booklet for
Hex(37D2D2) contains.

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Color

Hex(37D2D2)

Conversions

Conversions Part 1

Format	Color
Hex	37D2D2
RGB	55, 210, 210
RGB Percent	22%, 82%, 82%
CMY	0.7843, 0.1765, 0.1765
CMYK	0.74, 0.00, 0.00, 0.18
HSL	180°, 63%, 52%
HSV	180°, 74%, 82%
XYZ	36.2550, 51.5586, 69.0137
YIQ	163.6550, -92.3800, -32.8600

Conversions

Conversions Part 2

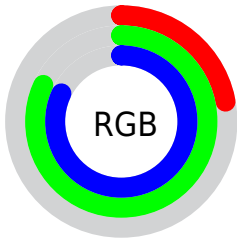
Format	Color
R _{YB}	55, 133, 210
Decimal	3658450
CIE Lab	77.02, -38.32, -11.43
CIE LCh	77, 39.984, 196.606
Yxy	51.5586, 0.2312, 0.3288
Android (android.graphics.Color)	4281848530 (0xFF37D2D2)
YUV	163.6550, 22.8481, -95.2904
Hunter-Lab	71.8043, -35.5303, -6.7228

Details

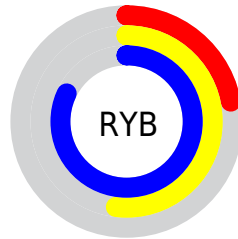
The Hex color **37D2D2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D23737**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7FFFFFFF**, and **009B9C** is the 20% darker color. If you saturate the color by 10%, you get **22D2D2**, and if you desaturate by 10%, it is **4CD2D2**.

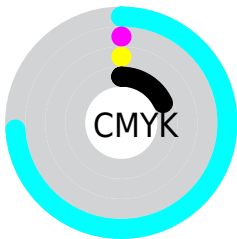
Distribution



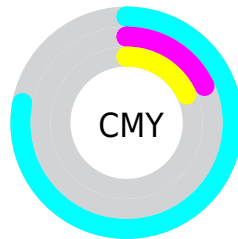
- Red (22%)
- Green (82%)
- Blue (82%)



- Red (22%)
- Yellow (52%)
- Blue (82%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D2D2 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 37D2D2 by changing the saturation by 10% instead.

 37D2D2

 37D2D2

FFFFFF

 00B6B6

 7FFFFFFF

 009B9C

 9EFFFF

 008082

 BDFFFF

 006769


 DCFFFF

 004E50

 FBFFFF

 00363A

 002124

 00010F

 000000

■ 37D2D2

■ 37D2D2

■ 22D2D2

■ 4CD2D2

■ 0DD2D2

■ 61D2D2

■ 00D2D2

■ 76D2D2

■ 8BD2D2

■ A0D2D2

■ B5D2D2

■ CAD2D2

■ DFD2D2

■ F4D2D2

Harmonies

Analogous

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



69D1AC



37D2D2



30CFF3

Triad

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



37D2D2



DCADF1



E5B676

Complementary

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



37D2D2



D23737

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.



FEAA8A



37D2D2



FCA3D0

Square

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



37D2D2



AABBFF



FFA2AB



C2C276

Rectangle

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



37D2D2



57CAFF



FFA2AB



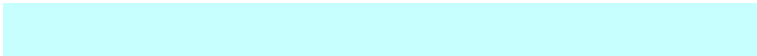
EFB27B

Sweetspot

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



37D2D2



C7FFFF



37D237



5E8080



000000



808080

Same Dimension

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



37D2D2



1CFFFF



3785D2



5E6969



00A8A8



002929

Inverse Universe

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



D237D2



FF1CFF



D28537



695E69



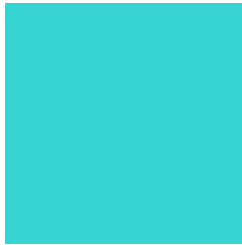
A800A8



290029

Previews

White Background



This preview shows how the Hex color 37D2D2 looks on a white background.

Color Contrast Check

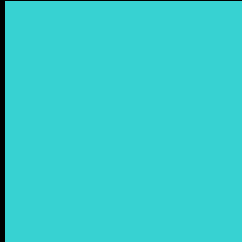
Large Text (above 18pt) WCAG AA × Fail

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 37D2D2 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

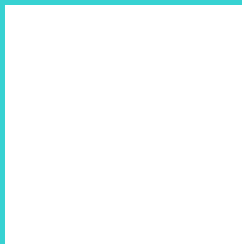
Any Text WCAG AAA ✓ Pass

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

Hex 37D2D2 Background



This preview shows how black text looks on a background with the Hex color 37D2D2.

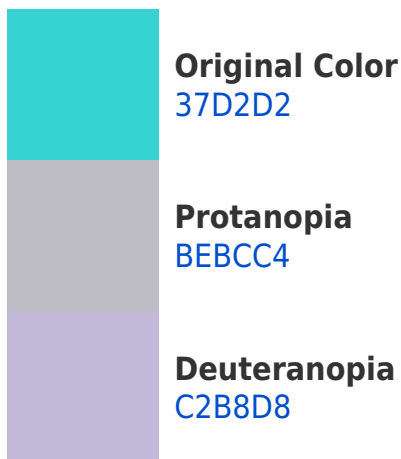


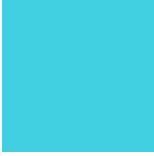
This preview shows how white text looks on a background with the Hex color 37D2D2.

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
41D0E1

Trichromacy



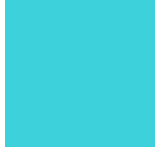
Original Color
37D2D2



Protanomaly
8DC4C9



Deuteranomaly
8FC1D6



Tritanomaly
3DD1DC

Monochromacy



Original Color
37D2D2



Achromatopsia
A4A4A4



Achromatomaly
7CB5B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 37D2D2 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 #37D2D2 looks like.

```
.text, #text, p{  
    color:#37D2D2  
}
```

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 #37D2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D2D2
}
```

Border

The CSS property to change the border of an element to Hex 37D2D2 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
#37D2D2 }
```

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

```
.border{ border-color:#37D2D2 }
```

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

Here you see how a box with a 4 pixel #37D2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D2D2; -webkit-box-shadow:4px 4px  
4px 4px #37D2D2; box-shadow:4px 4px 4px  
4px #37D2D2 }
```

Background

The CSS property to change the background color of an element to Hex 37D2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D2D2 }
```

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

```
.background{ background-color:#37D2D2 }
```

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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