

Converting Colors

Hex(37D1E2)

Have a look what the booklet for
Hex(37D1E2) contains.

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Color

Hex(37D1E2)

Conversions

Conversions Part 1

Format	Color
Hex	37D1E2
RGB	55, 209, 226
RGB Percent	22%, 82%, 89%
CMY	0.7843, 0.1804, 0.1137
CMYK	0.76, 0.08, 0.00, 0.11
HSL	186°, 75%, 55%
HSV	186°, 76%, 89%
XYZ	38.1035, 51.9041, 79.9617
YIQ	164.8920, -97.2410, -27.3610

Conversions

Conversions Part 2

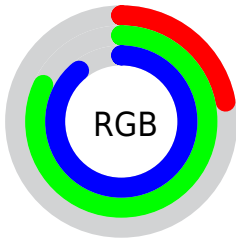
Format	Color
RYB	55, 136, 226
Decimal	3658210
CIELab	77.22, -33.15, -19.71
CIElCh	77, 38.567, 210.738
Yxy	51.9041, 0.2242, 0.3054
Android (android.graphics.Color)	4281848290 (0xFF37D1E2)
YUV	164.8920, 30.1262, -96.3753
Hunter-Lab	72.0445, -31.6714, -15.3744

Details

The Hex color **37D1E2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E24837**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **80FFFF**, and **009AAB** is the 20% darker color. If you saturate the color by 10%, you get **20CFE2**, and if you desaturate by 10%, it is **4ED3E2**.

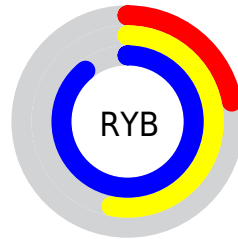
Distribution



Red (22%)

Green (82%)

Blue (89%)



Red (22%)

Yellow (53%)

Blue (89%)

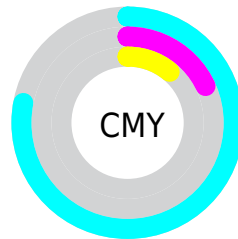


Cyan (76%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (78%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D1E2 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 37D1E2 by changing the saturation by 10% instead.

 37D1E2

 37D1E2

FFFFFF

 00B5C6

 80FFFF

 009AAB

 A0FFFF

 008090

 BFFFFFF

 006676

 DEFFFF

 004E5E

FEFFFF

 003646

 002230

 00011B

 000000

 37D1E2

 37D1E2

 20CFE2

 4ED3E2

 0ACDE2

 64D5E2

 00CCE2

 7BD8E2

 91DAE2

 A8DCE2

 BFDEE2

 D5E1E2

 ECE3E2

 FFE5E2

Harmonies

Analogous

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



59D2BE



37D1E2



54CCFC

Triad

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



37D1E2



EDA9E2



D6BD77

Complementary

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



37D1E2



E24837

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.



F3B081



37D1E2



FFA3BF

Square

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



37D1E2



C4B5FC



FFA69C



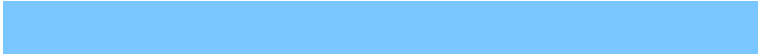
B0C780

Rectangle

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



37D1E2



7AC6FF



FFA69C



E1B978

Sweetspot

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



37D1E2



C4F9FF



37E245



5C7C80



000000



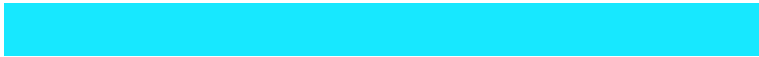
808080

Same Dimension

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



37D1E2



17E8FF



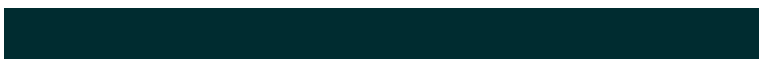
377EE2



656F70



009EB0



002C30

Inverse Universe

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



E237D1



FF17E8



E29B37



70656F



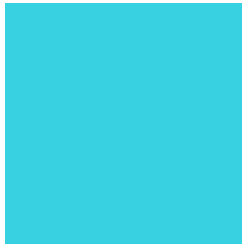
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 37D1E2 looks on a white background.

Color Contrast Check

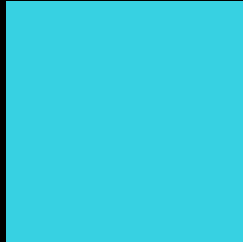
Large Text (above 18pt) WCAG AA × Fail

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 37D1E2 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 37D1E2 Background



This preview shows how black text looks on a background with the Hex color 37D1E2.

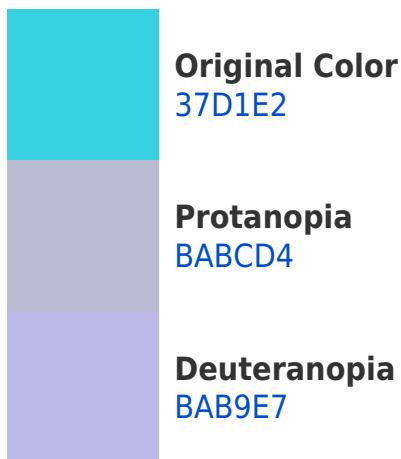


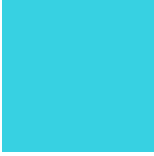
This preview shows how white text looks on a background with the Hex color 37D1E2.

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
37D1E2

Trichromacy



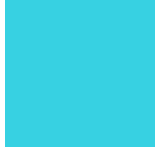
Original Color
37D1E2



Protanomaly
8AC4D9



Deuteranomaly
8AC2E5

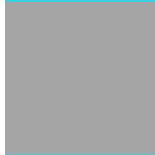


Tritanomaly
37D1E2

Monochromacy



Original Color
37D1E2



Achromatopsia
A5A5A5



Achromatomaly
7DB5BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 37D1E2 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 #37D1E2 looks like.

```
.text, #text, p{  
    color:#37D1E2  
}
```

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 #37D1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D1E2
}
```

Border

The CSS property to change the border of an element to Hex 37D1E2 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
#37D1E2 }
```

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

```
.border{ border-color:#37D1E2 }
```

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

Here you see how a box with a 4 pixel #37D1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D1E2; -webkit-box-shadow:4px 4px  
4px 4px #37D1E2; box-shadow:4px 4px 4px  
4px #37D1E2 }
```

Background

The CSS property to change the background color of an element to Hex 37D1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D1E2 }
```

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

```
.background{ background-color:#37D1E2 }
```

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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