

Converting Colors

Hex(37C6E0)

Have a look what the booklet for
Hex(37C6E0) contains.

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Color

Hex(37C6E0)

Conversions

Conversions Part 1

Format	Color
Hex	37C6E0
RGB	55, 198, 224
RGB Percent	22%, 78%, 88%
CMY	0.7843, 0.2235, 0.1216
CMYK	0.75, 0.12, 0.00, 0.12
HSL	189°, 73%, 55%
HSV	189°, 75%, 88%
XYZ	35.2242, 46.5822, 77.6558
YIQ	158.2070, -93.5740, -22.2300

Conversions

Conversions Part 2

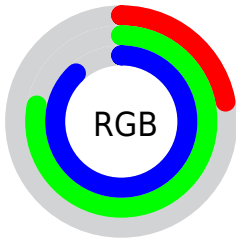
Format	Color
R _{YB}	55, 132, 224
Decimal	3655392
CIE Lab	73.92, -28.45, -23.65
CIE LCh	74, 36.997, 219.742
Yxy	46.5822, 0.2209, 0.2921
Android (android.graphics.Color)	4281845472 (0xFF37C6E0)
YUV	158.2070, 32.4359, -90.5125
Hunter-Lab	68.2512, -27.3163, -19.6840

Details

The Hex color **37C6E0** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E05137**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7FFFFFFF**, and **0090A9** is the 20% darker color. If you saturate the color by 10%, you get **21C3E0**, and if you desaturate by 10%, it is **4DC9E0**.

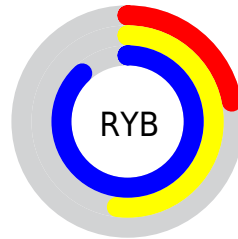
Distribution



Red (22%)

Green (78%)

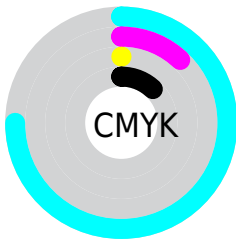
Blue (88%)



Red (22%)

Yellow (52%)

Blue (88%)

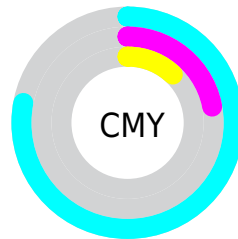


Cyan (75%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (78%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37C6E0 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 37C6E0 by changing the saturation by 10% instead.

 37C6E0

 37C6E0

FFFFFF

 00ABC4

 7FFFFFFF

 0090A9

 9EFFFF

 00768E

 BDFFFF

 005D75

 DCFFFF

 00455C

 FBFFFF

 002E44

 00182E

 000119

 000000

■ 37C6E0

■ 37C6E0

■ 21C3E0

■ 4DC9E0

■ 0ABFE0

■ 64CDE0

■ 00BEE0

■ 7AD0E0

■ 91D4E0

■ A7D7E0

■ BDDBE0

■ D4DEE0

■ EAE2E0

■ FFE5E0

Harmonies

Analogous

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



49C8C0



37C6E0



60C0F5

Triad

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



37C6E0



E99FCE



C2B772

Complementary

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



37C6E0



E05137

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.



E0AC76



37C6E0



F89CAC

Square

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



37C6E0



C8A9EA



F4A18C



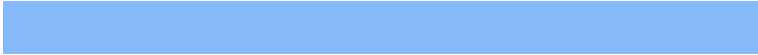
9CC080

Rectangle

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



37C6E0



85B9F9



F4A18C



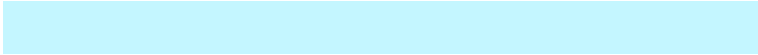
CDB371

Sweetspot

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



37C6E0



C4F6FF



37E050



5C7A80



000000



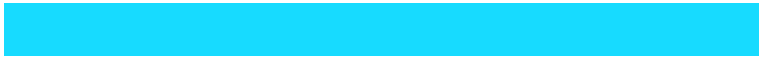
808080

Same Dimension

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



37C6E0



17DBFF



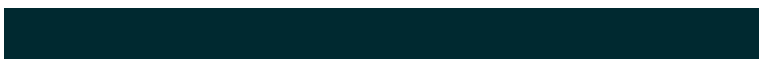
3772E0



656E70



0095B0



002930

Inverse Universe

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



E037C6



FF17DB



E0A537



70656E



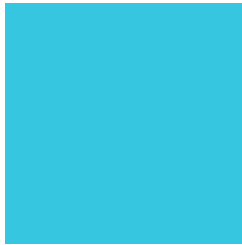
B00095



300029

Previews

White Background



This preview shows how the Hex color 37C6E0 looks on a white background.

Color Contrast Check

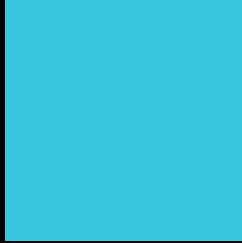
Large Text (above 18pt) WCAG AA × Fail

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 37C6E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

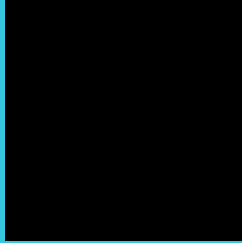
Any Text WCAG AA ✓ Pass

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 37C6E0 Background



This preview shows how black text looks on a background with the Hex color 37C6E0.

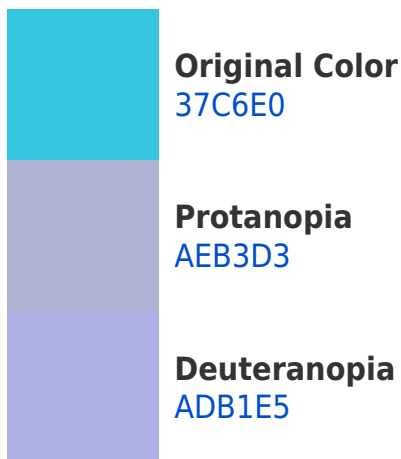


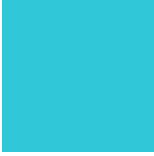
This preview shows how white text looks on a background with the Hex color 37C6E0.

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](#).

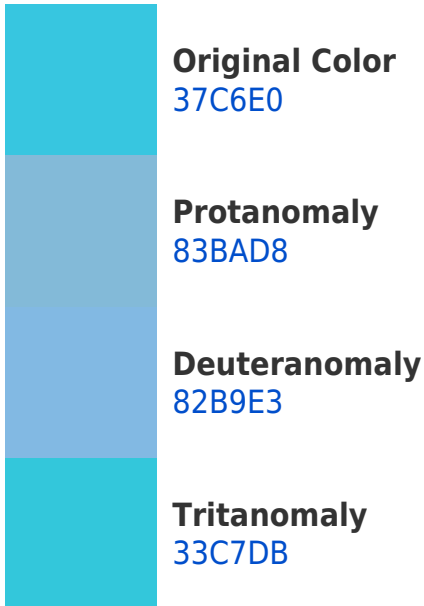
Dichromacy





Tritanopia
30C7D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37C6E0 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 #37C6E0 looks like.

```
.text, #text, p{  
    color:#37C6E0  
}
```

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 #37C6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C6E0
}
```

Border

The CSS property to change the border of an element to Hex 37C6E0 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
#37C6E0 }
```

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

```
.border{ border-color:#37C6E0 }
```

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

Here you see how a box with a 4 pixel #37C6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C6E0; -webkit-box-shadow:4px 4px  
4px 4px #37C6E0; box-shadow:4px 4px 4px  
4px #37C6E0 }
```

Background

The CSS property to change the background color of an element to Hex 37C6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C6E0 }
```

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

```
.background{ background-color:#37C6E0 }
```

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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