

Converting Colors

Hex(30CEE7)

Have a look what the booklet for
Hex(30CEE7) contains.

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Color

Hex(30CEE7)

Conversions

Conversions Part 1

Format	Color
Hex	30CEE7
RGB	48, 206, 231
RGB Percent	19%, 81%, 91%
CMY	0.8118, 0.1922, 0.0941
CMYK	0.79, 0.11, 0.00, 0.09
HSL	188°, 79%, 55%
HSV	188°, 79%, 91%
XYZ	37.7140, 50.5405, 83.3689
YIQ	161.6080, -102.1930, -25.7210

Conversions

Conversions Part 2

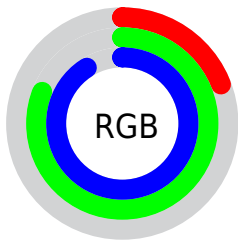
Format	Color
R _Y B	48, 133, 231
Decimal	3198695
CIE Lab	76.40, -30.86, -23.66
CIE LCh	76, 38.885, 217.477
Yxy	50.5405, 0.2197, 0.2945
Android (android.graphics.Color)	4281388775 (0xFF30CEE7)
YUV	161.6080, 34.2103, -99.6342
Hunter-Lab	71.0919, -29.7170, -19.7646

Details

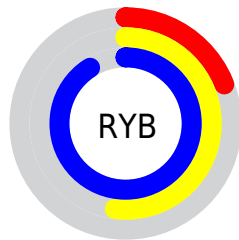
The Hex color **30CEE7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E74930**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7DFFFF**, and **0097AF** is the 20% darker color. If you saturate the color by 10%, you get **19CBE7**, and if you desaturate by 10%, it is **47D1E7**.

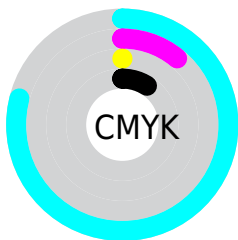
Distribution



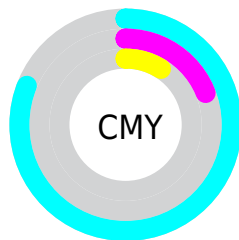
- Red (19%)
- Green (81%)
- Blue (91%)



- Red (19%)
- Yellow (52%)
- Blue (91%)



- Cyan (79%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (81%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30CEE7 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 30CEE7 by changing the saturation by 10% instead.

 30CEE7

 30CEE7

FFFFFF

 00B2CB

 7DFFFF

 0097AF

 9DFFFF

 007D95

 BCFFFF

 00647B

 DCFFFF

 004B62

 FBFFFF

 00344A

 002033

 00021E

 000001

 30CEE7

 30CEE7

 19CBE7

 47D1E7

 02C8E7

 5ED4E7

 00C7E7

 75D7E7

 8CDBE7

 A4DEE7

 BBE1E7

 D2E4E7

 E9E7E7

 FFEAE7

Harmonies

Analogous

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



4AD0C5



30CEE7



5CC8FE

Triad

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



30CEE7



F1A5D9



CCBD74

Complementary

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



30CEE7



E74930

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.



EBB17B



30CEE7



FFA1B5

Square

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



30CEE7



CDB0F6



FFA692



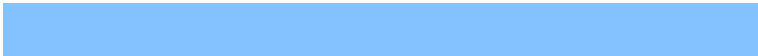
A5C782

Rectangle

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



30CEE7



84C1FF



FFA692



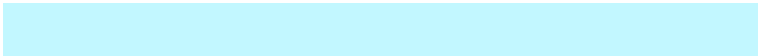
D7B974

Sweetspot

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



30CEE7



C2F7FF



30E748



5B7A80



000000



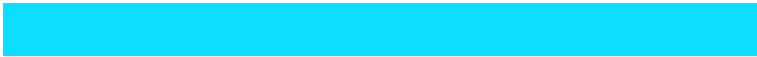
808080

Same Dimension

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



30CEE7



0DDEFF



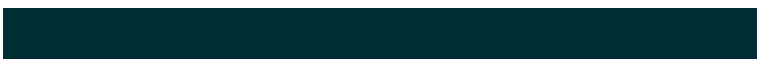
3073E7



677173



009AB3



002C33

Inverse Universe

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



E730CE



FF0DDE



E7A430



736771



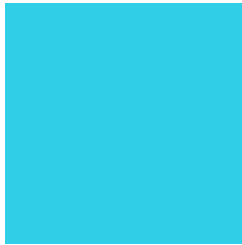
B3009A



33002C

Previews

White Background



This preview shows how the Hex color 30CEE7 looks on a white background.

Color Contrast Check

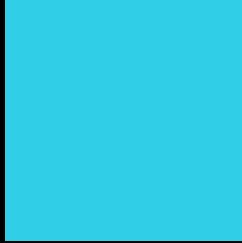
Large Text (above 18pt) WCAG AA × Fail

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 30CEE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

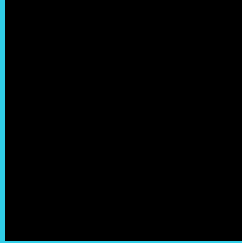
Any Text WCAG AA ✓ Pass

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 30CEE7 Background



This preview shows how black text looks on a background with the Hex color 30CEE7.



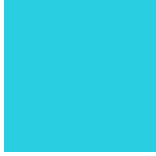
This preview shows how white text looks on a background with the Hex color 30CEE7.

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](#).

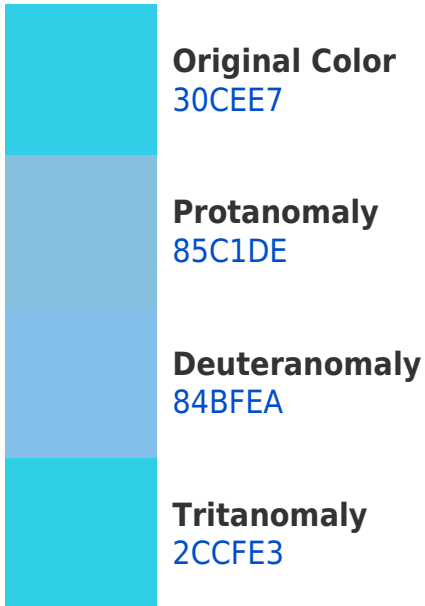
Dichromacy



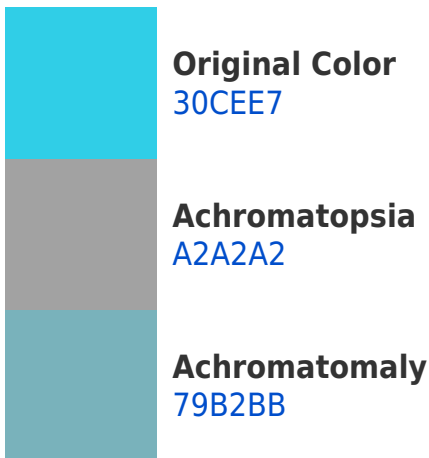


Tritanopia
29CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30CEE7 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 #30CEE7 looks like.

```
.text, #text, p{  
    color:#30CEE7  
}
```

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 #30CEE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CEE7  
}
```

Border

The CSS property to change the border of an element to Hex 30CEE7 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  
#30CEE7 }
```

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

```
.border{ border-color:#30CEE7 }
```

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

Here you see how a box with a 4 pixel #30CEE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CEE7; -webkit-box-shadow:4px 4px  
4px 4px #30CEE7; box-shadow:4px 4px 4px  
4px #30CEE7 }
```

Background

The CSS property to change the background color of an element to Hex 30CEE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CEE7 }
```

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

```
.background{ background-color:#30CEE7 }
```

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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