

Converting Colors

Hex(30CFCE)

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

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Color

Hex(30CFCE)

Conversions

Conversions Part 1

Format	Color
Hex	30CFCE
RGB	48, 207, 206
RGB Percent	19%, 81%, 81%
CMY	0.8118, 0.1882, 0.1922
CMYK	0.77, 0.00, 0.00, 0.19
HSL	180°, 62%, 50%
HSV	180°, 77%, 81%
XYZ	34.6723, 49.7103, 66.1601
YIQ	159.3450, -94.4430, -34.0190

Conversions

Conversions Part 2

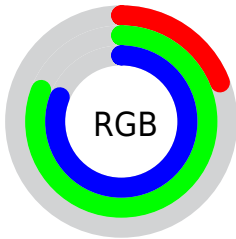
Format	Color
RYB	48, 128, 207
Decimal	3198926
CIELab	75.89, -38.82, -10.97
CIELCh	76, 40.341, 195.772
Yxy	49.7103, 0.2303, 0.3302
Android (android.graphics.Color)	4281389006 (0xFF30CFCE)
YUV	159.3450, 23.0009, -97.6496
Hunter-Lab	70.5055, -35.6041, -6.2820

Details

The Hex color **30CFCE** 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 **CF3031**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7AFFFF**, and **009898** is the 20% darker color. If you saturate the color by 10%, you get **1BCFCE**, and if you desaturate by 10%, it is **45CFCE**.

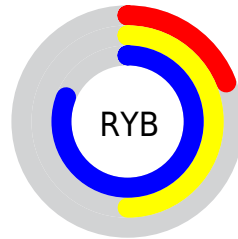
Distribution



Red (19%)

Green (81%)

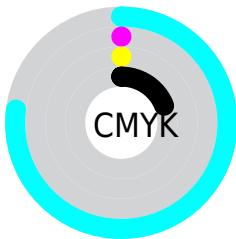
Blue (81%)



Red (19%)

Yellow (50%)

Blue (81%)

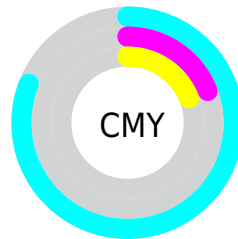


Cyan (77%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (81%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

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

 30CFCE

 30CFCE

FFFFFF

 00B3B3

 7AFFFF

 009898

 9AFFFF

 007D7E

 B9FFFF

 006465

 D8FFFF

 004B4D

 F7FFFF

 003336

 001E21

 000009

 000000

■ 30CFCE

■ 30CFCE

■ 1BCFCE

■ 45CFCE

■ 07CFCE

■ 59CFCE

■ 00CFCE

■ 6ECFCE

■ 83CFCE

■ 98CFCE

■ ACCFCF

■ C1CFCE

■ D6CFCE

■ EACFCF

Harmonies

Analogous

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



67CEA8



30CFCE



23CCEF

Triad

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



30CFCE



D8AAEF



E3B373

Complementary

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



30CFCE



CF3031

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.



FCA687



30CFCE



F8A0CE

Square

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



30CFCE



A5B8FF



FF9FA9



C0BF72

Rectangle

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



30CFCE



4FC7FE



FF9FA9



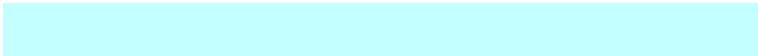
EDAE78

Sweetspot

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



30CFCE



C4FFFF



33CF30



5C807F



000000



808080

Same Dimension

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



30CFCE



14FFFE



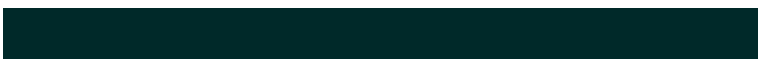
3082CF



5E6968



00A8A7



002929

Inverse Universe

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



CF3031



FF1416



CF7D30



695E5E



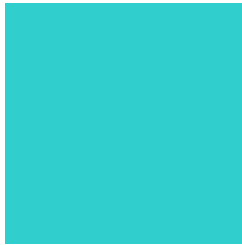
A80001



290000

Previews

White Background



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

Color Contrast Check

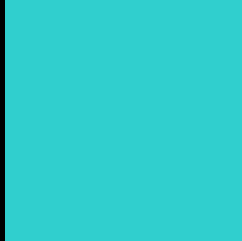
Large Text (above 18pt) WCAG AA × Fail

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 30CFCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

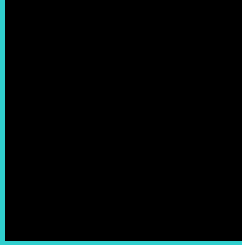
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

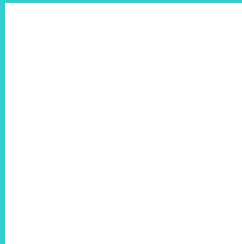
Any Text WCAG AAA ✓ Pass

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

Hex 30CFCE Background



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



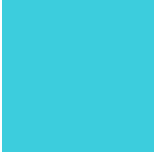
This preview shows how white text looks on a background with the Hex color 30CFCE.

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
3CCDDD

Trichromacy



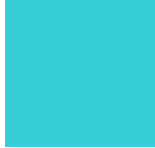
Original Color
30CFCE



Protanomaly
88C0C5



Deuteranomaly
8BBED2



Tritanomaly
38CED8

Monochromacy



Original Color
30CFCE



Achromatopsia
9F9F9F



Achromatomaly
77B0B0

CSS Examples

Text

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

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

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 #30CFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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