

# Converting Colors

Hex(30EBCB)

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

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# Color

Hex(30EBCB)

# Conversions

## Conversions Part 1

Format	Color
Hex	30EBCB
RGB	48, 235, 203
RGB Percent	19%, 92%, 80%
CMY	0.8118, 0.0784, 0.2039
CMYK	0.80, 0.00, 0.14, 0.08
HSL	170°, 82%, 55%
HSV	170°, 80%, 92%
XYZ	41.7067, 64.3568, 66.7239
YIQ	175.4390, -101.1800, -49.5960

# Conversions

## Conversions Part 2

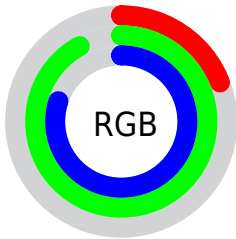
Format	Color
<a href="#">RYB</a>	<a href="#">48, 150, 235</a>
Decimal	<a href="#">3206091</a>
CIELab	<a href="#">84.15, -51.74, 2.80</a>
CIELCh	<a href="#">84, 51.812, 176.906</a>
Yxy	<a href="#">64.3568, 0.2414, 0.3725</a>
Android (android.graphics.Color)	<a href="#">4281396171</a> ( <a href="#">0xFF30EBCB</a> )
YUV	<a href="#">175.4390, 13.5876, -111.7640</a>
Hunter-Lab	<a href="#">80.2227, -47.5899, 6.8425</a>

# Details

The Hex color **30EBCB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **EB3050**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **7EFFFF**, and **00B295** is the 20% darker color. If you saturate the color by 10%, you get **18EBC7**, and if you desaturate by 10%, it is **47EBCF**.

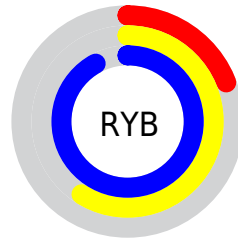
# Distribution



Red (19%)

Green (92%)

Blue (80%)



Red (19%)

Yellow (59%)

Blue (92%)

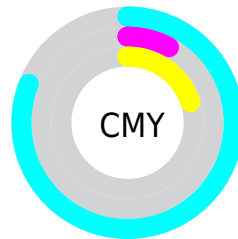


Cyan (80%)

Magenta (0%)

Yellow (14%)

Black (8%)



Cyan (81%)

Magenta (8%)

Yellow (20%)

# Brightness & Saturation Gradients

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



 30EBCB

 30EBCB


FFFFFF

 00CEB0

 7EFFFF

 00B295

 9FFFFFF

 00977B

 BEFFFF

 007C62

 DEFFFF

 00624B

 FDFFFF

 004934

 00321F

 001708

 000000

 30EBCB

 30EBCB

 18EBC7

 47EBCF

 01EBC3

 5FEBD3

 00EBC3

 76EBD7

 8EEBDB

 A5EBDF

 BDEBE3

 D4EBE7

 ECEBEB

 FFEBEF

# Harmonies

## Analogous

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



89E69B



30EBCB



00EBFD

# Triad

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



30EBCB



CFC7FF



FFBC81

# Complementary

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



30EBCB



EB3050

# 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.



FFAEA8



30EBCB



FFB5FF

# Square

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



30EBCB



78D8FF



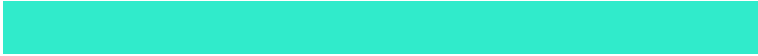
FFABD9



F5CD6F

# Rectangle

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



30EBCB



00E7FF



FFABD9



FFB68D

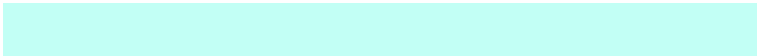


# Sweetspot

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



30EBCB



C2FFF5



52EB30



5B8079



000000



808080



# Same Dimension

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



30EBCB



0DFFD6



30B0EB



6A7573



00B596



00362C



# Inverse Universe

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



EB3050



FF0D36



EB6B30



756A6C



B5001F

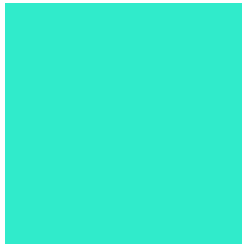


360009



# Previews

## White Background



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

## Color Contrast Check

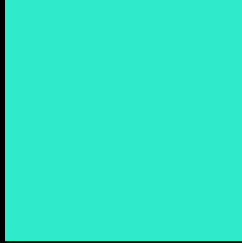
Large Text (above 18pt) WCAG AA × Fail

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 30EBCB 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

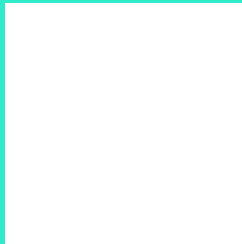
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30EBCB Background



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



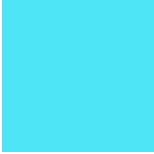
This preview shows how white text looks on a background with the Hex color 30EBCB.

# 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



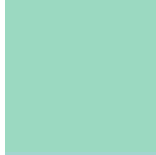


**Tritanopia**  
4EE5F7

# Trichromacy



**Original Color**  
30EBCB



**Protanomaly**  
9BD9C1



**Deuteranomaly**  
A2D5CF

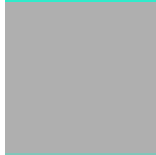


**Tritanomaly**  
43E7E7

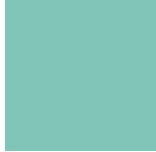
# Monochromacy



**Original Color**  
30EBCB



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
81C5B9

# CSS Examples

## Text

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

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

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 #30EBCB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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