

Converting Colors

Hex(30C6C7)

Have a look what the booklet for
Hex(30C6C7) contains.

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Color

Hex(30C6C7)

Conversions

Conversions Part 1

Format	Color
Hex	30C6C7
RGB	48, 198, 199
RGB Percent	19%, 78%, 78%
CMY	0.8118, 0.2235, 0.2196
CMYK	0.76, 0.01, 0.00, 0.22
HSL	180°, 61%, 48%
HSV	180°, 76%, 78%
XYZ	31.7218, 45.1401, 61.0738
YIQ	153.2640, -89.7210, -31.4890

Conversions

Conversions Part 2

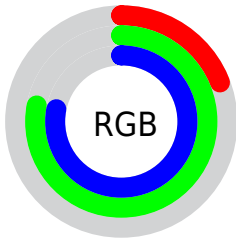
Format	Color
RYB	48, 123, 199
Decimal	3196615
CIELab	72.98, -36.73, -11.52
CIELCh	73, 38.492, 197.415
Yxy	45.1401, 0.2300, 0.3273
Android (android.graphics.Color)	4281386695 (0xFF30C6C7)
YUV	153.2640, 22.5478, -92.3165
Hunter-Lab	67.1864, -33.2980, -6.8654




Details

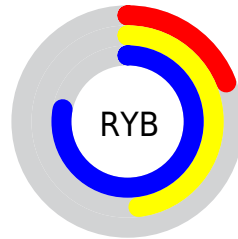
The Hex color **30C6C7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C73130**, and the grayscale version is **999999**.




A 20% lighter version of the original color is **78FFFF**, and **008F91** is the 20% darker color. If you saturate the color by 10%, you get **1CC6C7**, and if you desaturate by 10%, it is **44C6C7**.

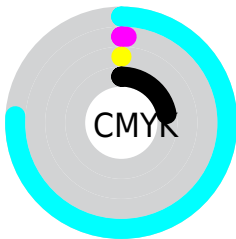
Distribution







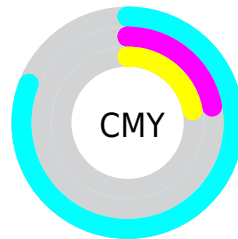
-  Red (19%)
-  Green (78%)
-  Blue (78%)






-  Red (19%)
-  Yellow (48%)
-  Blue (78%)



-  Cyan (76%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (22%)



-  Cyan (81%)
-  Magenta (22%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30C6C7 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 30C6C7 by changing the saturation by 10% instead.

 30C6C7

 30C6C7

FFFFFF

 00AAAC

 78FFFF

 008F91

 97FFFF

 007578

 B6FFFF

 005C5F

 D5FFFF

 004447

 F3FFFF

 002D31

 00131C

 000000

 30C6C7

 30C6C7

■ 1CC6C7

■ 44C6C7

■ 08C6C7

■ 58C6C7

■ 00C6C7

■ 6CC6C7

■ 80C7C7

■ 94C7C7

■ A7C7C7

■ BBC7C7

■ CFC7C7

■ E3C7C7

Harmonies

Analogous

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



61C5A3



30C6C7



2BC3E6

Triad

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



30C6C7



D1A3E3



D8AC6E

Complementary

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



30C6C7



C73130

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.



EFA081



30C6C7



EE99C4

Square

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



30C6C7



A2AFF6



F898A0



B6B76F

Rectangle

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



30C6C7



52BEF3



F898A0



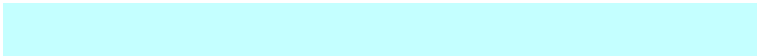
E1A873

Sweetspot

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



30C6C7



C4FFFF



30C730



5C7F80



000000



808080

Same Dimension

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



30C6C7



17FDFF



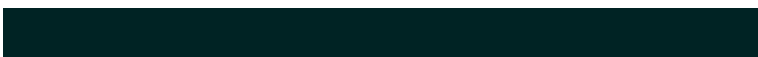
307CC7



5A6363



00A2A3



002324

Inverse Universe

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



C730C6



FF17FD



C77C30



635A63



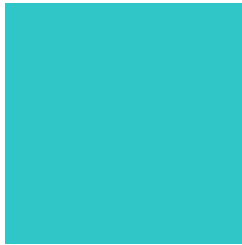
A300A2



240023

Previews

White Background



This preview shows how the Hex color 30C6C7 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 30C6C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

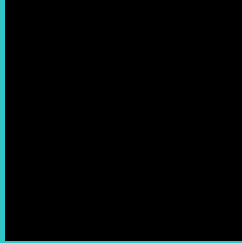
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

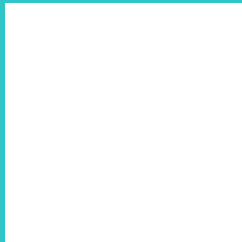
Any Text WCAG AAA ✓ Pass

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

Hex 30C6C7 Background



This preview shows how black text looks on a background with the Hex color 30C6C7.

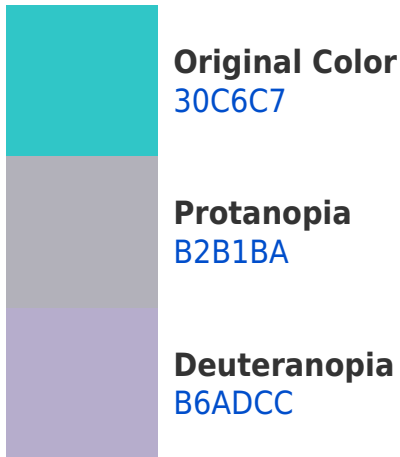


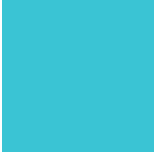
This preview shows how white text looks on a background with the Hex color 30C6C7.

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
3AC4D4

Trichromacy



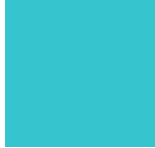
Original Color
30C6C7



Protanomaly
83B9BF



Deuteranomaly
85B6CA



Tritanomaly
36C5CF

Monochromacy



Original Color
30C6C7



Achromatopsia
999999



Achromatomaly
73A9AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 30C6C7 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 #30C6C7 looks like.

```
.text, #text, p{  
    color:#30C6C7  
}
```

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 #30C6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C6C7
}
```

Border

The CSS property to change the border of an element to Hex 30C6C7 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
#30C6C7 }
```

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

```
.border{ border-color:#30C6C7 }
```

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

Here you see how a box with a 4 pixel #30C6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C6C7; -webkit-box-shadow:4px 4px  
4px 4px #30C6C7; box-shadow:4px 4px 4px  
4px #30C6C7 }
```

Background

The CSS property to change the background color of an element to Hex 30C6C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C6C7 }
```

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

```
.background{ background-color:#30C6C7 }
```

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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