

Converting Colors

Hex(30ABD7)

Have a look what the booklet for
Hex(30ABD7) contains.

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Color

Hex(30ABD7)

Conversions

Conversions Part 1

Format	Color
Hex	30ABD7
RGB	48, 171, 215
RGB Percent	19%, 67%, 84%
CMY	0.8118, 0.3294, 0.1569
CMYK	0.78, 0.20, 0.00, 0.16
HSL	196°, 68%, 52%
HSV	196°, 78%, 84%
XYZ	28.0476, 34.6605, 69.5019
YIQ	139.2390, -87.4320, -12.3920

Conversions

Conversions Part 2

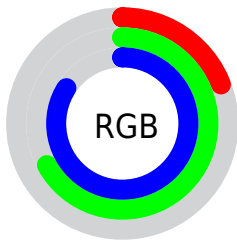
Format	Color
RYP	48, 119, 215
Decimal	3189719
CIELab	65.48, -18.34, -31.71
CIElCh	65, 36.636, 239.959
Yxy	34.6605, 0.2121, 0.2622
Android (android.graphics.Color)	4281379799 (0xFF30ABD7)
YUV	139.2390, 37.3502, -80.0166
Hunter-Lab	58.8732, -17.9894, -28.7827

Details

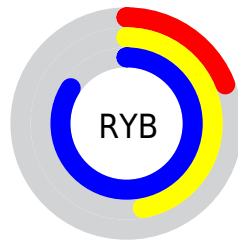
The Hex color **30ABD7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D75C30**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **77E2FF**, and **0077A0** is the 20% darker color. If you saturate the color by 10%, you get **1BA5D7**, and if you desaturate by 10%, it is **46B1D7**.

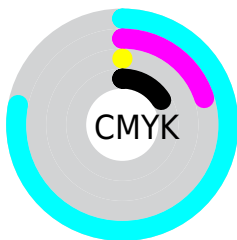
Distribution



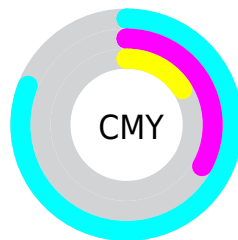
- Red (19%)
- Green (67%)
- Blue (84%)



- Red (19%)
- Yellow (47%)
- Blue (84%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30ABD7 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 30ABD7 by changing the saturation by 10% instead.

■ 30ABD7

■ 30ABD7

FFFFFF

■ 0090BB

■ 77E2FF

■ 0077A0

■ 96FFFF

■ 005E86

■ B5FFFF

■ 00466C

■ D3FFFF

■ 003054

■ F2FFFF

■ 001D3C

■ 000326

■ 00010F

■ 000000

■ 30ABD7

■ 30ABD7

■ 1BA5D7

■ 46B1D7

■ 05A0D7

■ 5BB6D7

■ 009ED7

■ 71BCD7

■ 86C2D7

■ 9CC7D7

■ B1CDD7

■ C7D3D7

■ DCD8D7

■ F2DED7

Harmonies

Analogous

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



00B0BF



30ABD7



6EA2E0

Triad

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



30ABD7



DC85A0



92A765

Complementary

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



30ABD7



D75C30

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.



B49D5D



30ABD7



DE8880

Square

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



30ABD7



C88BC0



CF9267



6BAD7D

Rectangle

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



30ABD7



939BDD



CF9267



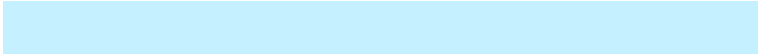
9EA460

Sweetspot

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



30ABD7



C4F0FF



30D75A



5C7680



000000



808080

Same Dimension

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



30ABD7



12C1FF



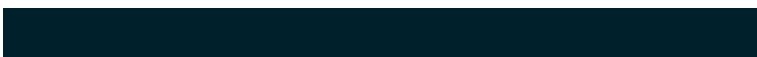
305AD7



60686B



007EAB



00202B

Inverse Universe

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



D730AB



FF12C1



D7AD30



6B6068



AB007E



2B0020

Previews

White Background



This preview shows how the Hex color 30ABD7 looks on a white background.

Color Contrast Check

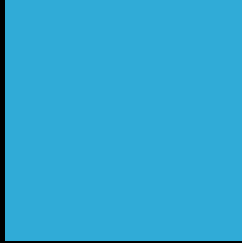
Large Text (above 18pt) WCAG AA × Fail

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 30ABD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

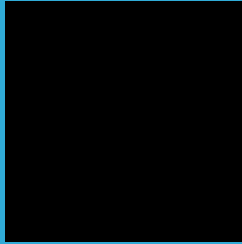
Any Text WCAG AA ✓ Pass

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 30ABD7 Background



This preview shows how black text looks on a background with the Hex color 30ABD7.

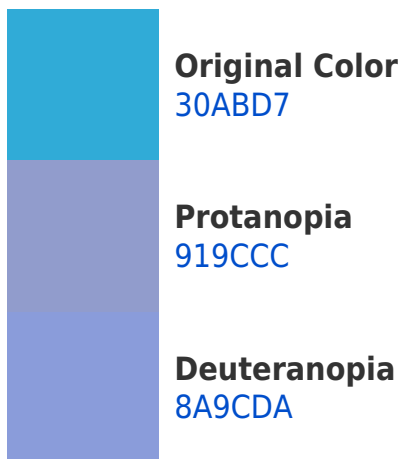


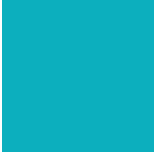
This preview shows how white text looks on a background with the Hex color 30ABD7.

Color Blindness Simulation

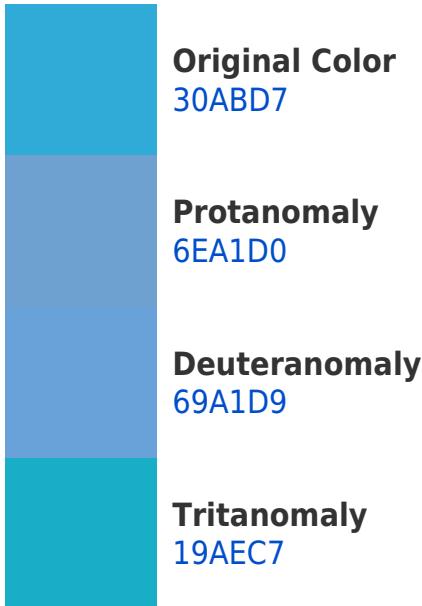
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

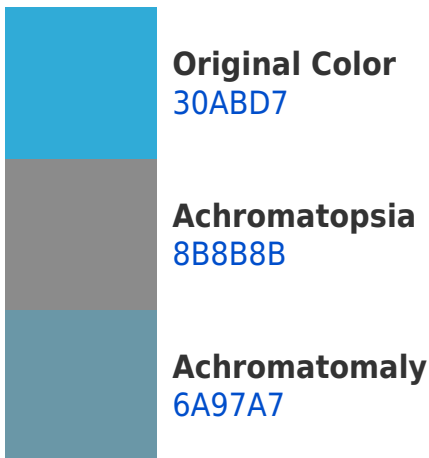




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30ABD7 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 #30ABD7 looks like.

```
.text, #text, p{  
    color:#30ABD7  
}
```

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 #30ABD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30ABD7
}
```

Border

The CSS property to change the border of an element to Hex 30ABD7 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
#30ABD7 }
```

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

```
.border{ border-color:#30ABD7 }
```

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

Here you see how a box with a 4 pixel #30ABD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30ABD7; -webkit-box-shadow:4px 4px  
4px 4px #30ABD7; box-shadow:4px 4px 4px  
4px #30ABD7 }
```

Background

The CSS property to change the background color of an element to Hex 30ABD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30ABD7 }
```

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

```
.background{ background-color:#30ABD7 }
```

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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