

Converting Colors

Hex(30B3D7)

Have a look what the booklet for
Hex(30B3D7) contains.

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Color

Hex(30B3D7)

Conversions

Conversions Part 1

Format	Color
Hex	30B3D7
RGB	48, 179, 215
RGB Percent	19%, 70%, 84%
CMY	0.8118, 0.2980, 0.1569
CMYK	0.78, 0.17, 0.00, 0.16
HSL	193°, 68%, 52%
HSV	193°, 78%, 84%
XYZ	29.6048, 37.7749, 70.0209
YIQ	143.9350, -89.6320, -16.5760

Conversions

Conversions Part 2

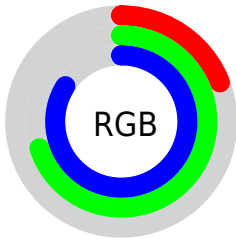
Format	Color
R _Y B	48, 121, 215
Decimal	3191767
CIE Lab	67.85, -22.51, -28.05
CIE LCh	68, 35.969, 231.257
Yxy	37.7749, 0.2155, 0.2749
Android (android.graphics.Color)	4281381847 (0xFF30B3D7)
YUV	143.9350, 35.0350, -84.1350
Hunter-Lab	61.4613, -21.5770, -24.5244

Details

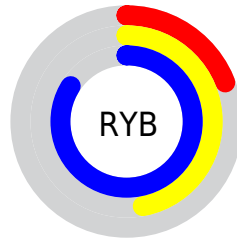
The Hex color **30B3D7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D75430**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **78EBFF**, and **007EA0** is the 20% darker color. If you saturate the color by 10%, you get **1BAED7**, and if you desaturate by 10%, it is **46B8D7**.

Distribution



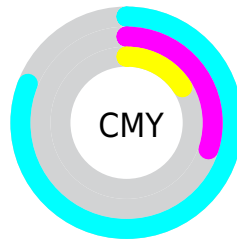
- Red (19%)
- Green (70%)
- Blue (84%)



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



- Cyan (78%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30B3D7 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 30B3D7 by changing the saturation by 10% instead.

 30B3D7

 30B3D7

FFFFFF

 0098BB

 78EBFF

 007EA0

 97FFFF

 006586

 B6FFFF

 004D6C

 D4FFFF

 003654

 F3FFFF

 00213D

 000327

 000110

 000000

■ 30B3D7

■ 30B3D7

■ 1BAED7

■ 46B8D7

■ 05AAD7

■ 5BBCD7

■ 00A9D7

■ 71C1D7

■ 86C6D7

■ 9CCAD7

■ B1CFD7

■ C7D3D7

■ DCD8D7

■ F2DDD7

Harmonies

Analogous

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



29B7BC



30B3D7



66ABE5

Triad

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



30B3D7



DE8DB0



A3AB68

Complementary

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



30B3D7



D75430

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.



C3A065



30B3D7



E58D8F

Square

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



30B3D7



C595CE



DB9574



7EB27C

Rectangle

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



30B3D7



8BA4E5



DB9574



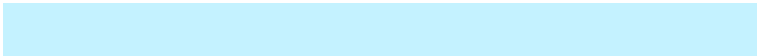
AFA765

Sweetspot

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



30B3D7



C4F2FF



30D751



5C7880



000000



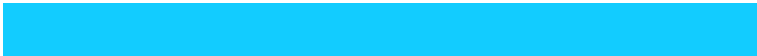
808080

Same Dimension

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



30B3D7



12CCFF



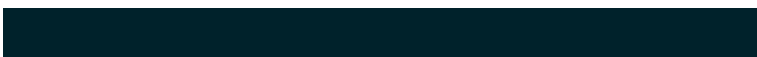
3062D7



60696B



0086AB



00222B

Inverse Universe

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



D730B3



FF12CC



D7A530



6B6069



AB0086



2B0022

Previews

White Background



This preview shows how the Hex color 30B3D7 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 30B3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

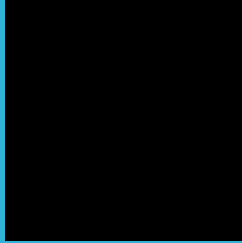
Any Text WCAG AA ✓ Pass

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 30B3D7 Background



This preview shows how black text looks on a background with the Hex color 30B3D7.

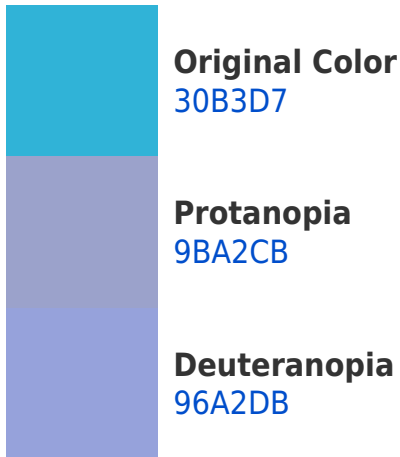


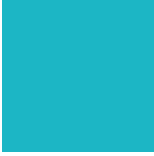
This preview shows how white text looks on a background with the Hex color 30B3D7.

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](#).

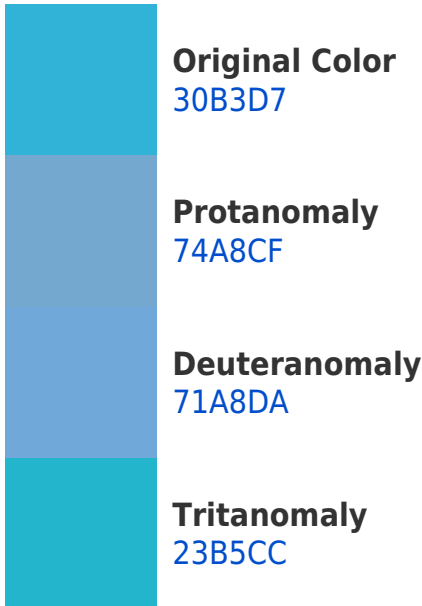
Dichromacy



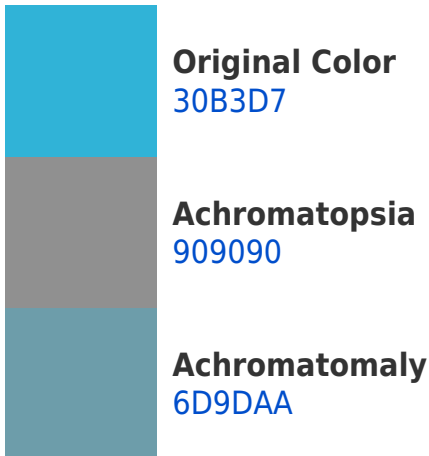


Tritanopia
1CB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30B3D7 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 #30B3D7 looks like.

```
.text, #text, p{  
    color:#30B3D7  
}
```

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 #30B3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30B3D7
}
```

Border

The CSS property to change the border of an element to Hex 30B3D7 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
#30B3D7 }
```

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

```
.border{ border-color:#30B3D7 }
```

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

Here you see how a box with a 4 pixel #30B3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30B3D7; -webkit-box-shadow:4px 4px  
4px 4px #30B3D7; box-shadow:4px 4px 4px  
4px #30B3D7 }
```

Background

The CSS property to change the background color of an element to Hex 30B3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30B3D7 }
```

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

```
.background{ background-color:#30B3D7 }
```

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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