

Converting Colors

Hex(30D3F0)

Have a look what the booklet for
Hex(30D3F0) contains.

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Color

Hex(30D3F0)

Conversions

Conversions Part 1

Format	Color
Hex	30D3F0
RGB	48, 211, 240
RGB Percent	19%, 83%, 94%
CMY	0.8118, 0.1725, 0.0588
CMYK	0.80, 0.12, 0.00, 0.06
HSL	189°, 86%, 56%
HSV	189°, 80%, 94%
XYZ	40.2414, 53.5082, 90.6452
YIQ	165.5690, -106.4570, -25.5370

Conversions

Conversions Part 2

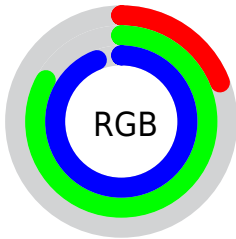
Format	Color
R_{YB}	48, 136, 240
Decimal	3199984
CIE _{Lab}	78.17, -30.48, -25.78
CIE _{LCh}	78, 39.915, 220.223
Yxy	53.5082, 0.2182, 0.2902
Android (android.graphics.Color)	4281390064 (0xFF30D3F0)
YUV	165.5690, 36.6945, -103.1080
Hunter-Lab	73.1493, -29.8137, -22.2666

Details

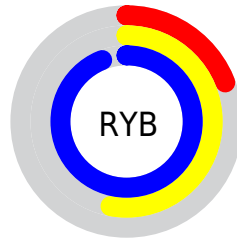
The Hex color **30D3F0** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F04D30**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7EFFFF**, and **009CB8** is the 20% darker color. If you saturate the color by 10%, you get **18CFF0**, and if you desaturate by 10%, it is **48D7F0**.

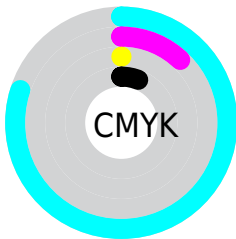
Distribution



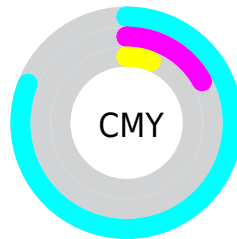
- Red (19%)
- Green (83%)
- Blue (94%)



- Red (19%)
- Yellow (53%)
- Blue (94%)



- Cyan (80%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (81%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D3F0 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 30D3F0 by changing the saturation by 10% instead.

 30D3F0

 30D3F0

FFFFFF

 00B7D4

 7EFFFF

 009CB8

 9FFFFFF

 00829D

 BFFFFFF

 006883

 DEFFFF

 00506A

FEFFFF

 003851

 00243A

 000225

 00010D

 30D3F0

 30D3F0

 18CFF0

 48D7F0

 00CCF0

 60DAF0

 78DEF0

 90E1F0

 A8E5F0

 C0E9F0

 D8ECF0

 F0F0F0

 FFF4F0

Harmonies

Analogous

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



46D5CD



30D3F0



63CCFF

Triad

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



30D3F0



FAA8DB



CEC377

Complementary

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



30D3F0



F04D30

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.



EFB77C



30D3F0



FFA5B6

Square

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



30D3F0



D6B3FA



FFAB93



A5CD87

Rectangle

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



30D3F0



8DC5FF



FFAB93



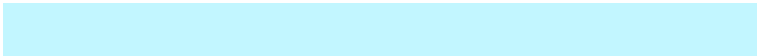
DABF77

Sweetspot

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



30D3F0



C2F6FF



30F04D



5B7A80



000000



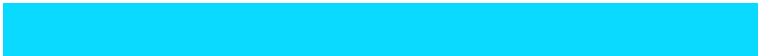
808080

Same Dimension

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



30D3F0



0ADAFF



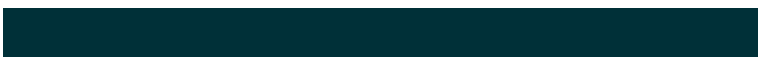
3073F0



6C7678



009CB8



003038

Inverse Universe

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



F030D3



FF0ADA



F0AD30



786C76



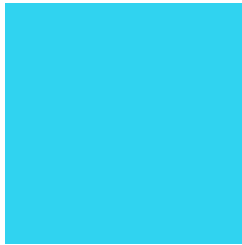
B8009C



380030

Previews

White Background



This preview shows how the Hex color 30D3F0 looks on a white background.

Color Contrast Check

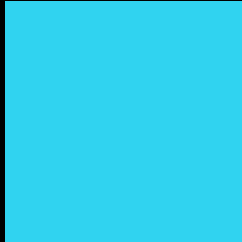
Large Text (above 18pt) WCAG AA × Fail

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 30D3F0 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 30D3F0 Background



This preview shows how black text looks on a background with the Hex color 30D3F0.

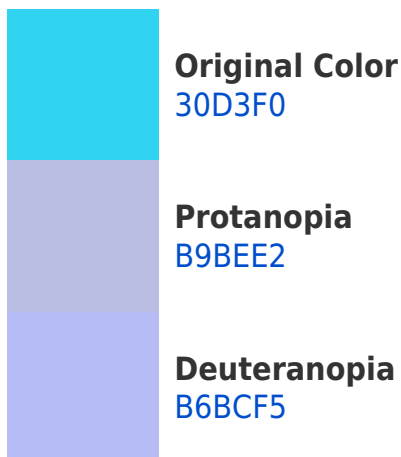


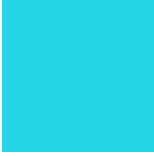
This preview shows how white text looks on a background with the Hex color 30D3F0.

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](#).

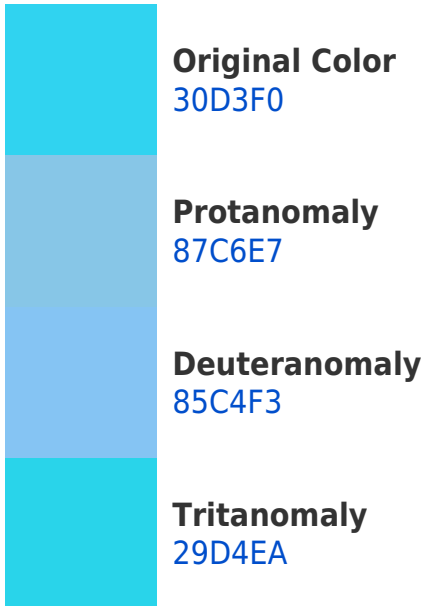
Dichromacy



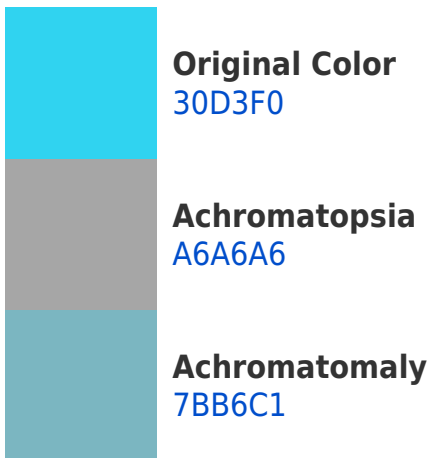


Tritanopia
25D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30D3F0 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 #30D3F0 looks like.

```
.text, #text, p{  
    color:#30D3F0  
}
```

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 #30D3F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D3F0
}
```

Border

The CSS property to change the border of an element to Hex 30D3F0 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
#30D3F0 }
```

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

```
.border{ border-color:#30D3F0 }
```

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

Here you see how a box with a 4 pixel #30D3F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D3F0; -webkit-box-shadow:4px 4px  
4px 4px #30D3F0; box-shadow:4px 4px 4px  
4px #30D3F0 }
```

Background

The CSS property to change the background color of an element to Hex 30D3F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D3F0 }
```

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

```
.background{ background-color:#30D3F0 }
```

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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