

Converting Colors

Hex(30DCDA)

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

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Color

Hex(30DCDA)

Conversions

Conversions Part 1

Format	Color
Hex	30DCDA
RGB	48, 220, 218
RGB Percent	19%, 86%, 85%
CMY	0.8118, 0.1373, 0.1451
CMYK	0.78, 0.00, 0.01, 0.14
HSL	179°, 71%, 53%
HSV	179°, 78%, 86%
XYZ	39.4670, 56.8767, 75.2278
YIQ	168.3440, -101.8700, -37.0860

Conversions

Conversions Part 2

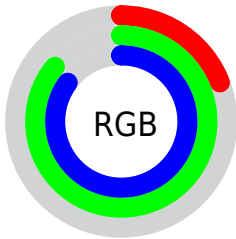
Format	Color
R_{YB}	48, 135, 220
Decimal	3202266
CIE _{Lab}	80.11, -41.25, -11.10
CIE _{LCh}	80, 42.713, 195.064
Yxy	56.8767, 0.2300, 0.3315
Android (android.graphics.Color)	4281392346 (0xFF30DCDA)
YUV	168.3440, 24.4804, -105.5417
Hunter-Lab	75.4167, -38.5666, -6.3499

Details

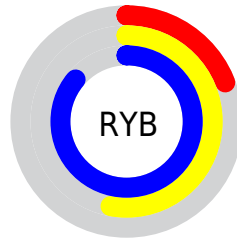
The Hex color **30DCDA** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC3032**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7DFFFF**, and **00A4A3** is the 20% darker color. If you saturate the color by 10%, you get **1ADCDA**, and if you desaturate by 10%, it is **46DCDA**.

Distribution



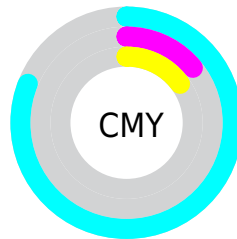
- Red (19%)
- Green (86%)
- Blue (85%)



- Red (19%)
- Yellow (53%)
- Blue (86%)



- Cyan (78%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (81%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 30DCDA

 30DCDA

FFFFFF

 00C0BE

 7DFFFF

 00A4A3

 9DFFFF

 008989

 BDFFFF

 006F70


 DCFFFF

 005657

 FCFFFF

 003E40

 00292A

 000217

 000000

 30DCDA

 30DCDA

 1ADCDA

 46DCDA

 04DCD9

 5CDCDB

 00DCD9

 72DCDB

 88DCDB

 9EDCDB

 B4DCDC

 CADCDC

 E0DCDC

 F6DCDC

Harmonies

Analogous

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



6DDBB1



30DCDA



1CD9FE

Triad

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



30DCDA



E5B5FF



F2BD7A

Complementary

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



30DCDA



DC3032

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.



FFB090



30DCDA



FFAADC

Square

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



30DCDA



AEC4FF



FFA8B4



CDCB78

Rectangle

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



30DCDA



4FD4FF



FFA8B4



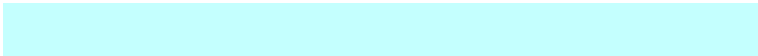
FCB97F

Sweetspot

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



30DCDA



C4FFFE



33DC30



5C807F



000000



808080

Same Dimension

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



30DCDA



0FFFC



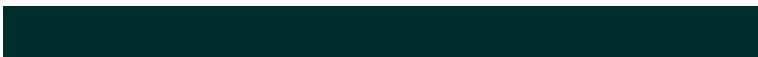
3089DC



636E6E



00ADAB



002E2D

Inverse Universe

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



DC3032



FF0F12



DC8330



6E6363



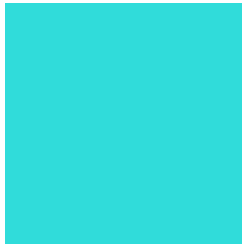
AD0002



2E0001

Previews

White Background



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

Color Contrast Check

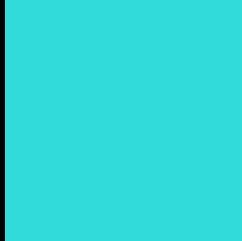
Large Text (above 18pt) WCAG AA × Fail

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 30DCDA 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 30DCDA Background



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

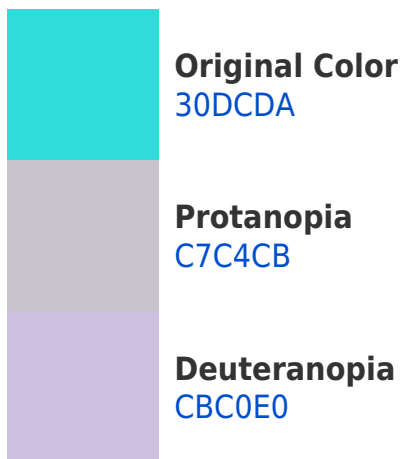


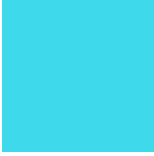
This preview shows how white text looks on a background with the Hex color 30DCDA.

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
3ED9EB

Trichromacy



Original Color

30DCDA



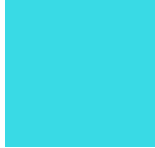
Protanomaly

90CDD0



Deuteranomaly

93CADE



Tritanomaly

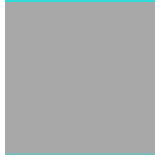
39DAE5

Monochromacy



Original Color

30DCDA



Achromatopsia

A8A8A8



Achromatomaly

7CBBBA

CSS Examples

Text

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

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

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 #30DCDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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