

Converting Colors

Hex(30A6D1)

Have a look what the booklet for
Hex(30A6D1) contains.

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Color

Hex(30A6D1)

Conversions

Conversions Part 1

Format	Color
Hex	30A6D1
RGB	48, 166, 209
RGB Percent	19%, 65%, 82%
CMY	0.8118, 0.3490, 0.1804
CMYK	0.77, 0.21, 0.00, 0.18
HSL	196°, 64%, 50%
HSV	196°, 77%, 82%
XYZ	26.3638, 32.5043, 65.2060
YIQ	135.6200, -84.1310, -11.6430

Conversions

Conversions Part 2

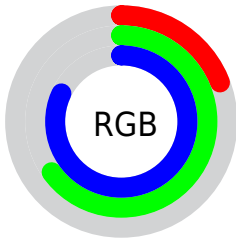
Format	Color
RYB	48, 116, 209
Decimal	3188433
CIELab	63.76, -17.70, -31.07
CIElCh	64, 35.756, 240.327
Yxy	32.5043, 0.2125, 0.2620
Android (android.graphics.Color)	4281378513 (0xFF30A6D1)
YUV	135.6200, 36.1763, -76.8427
Hunter-Lab	57.0125, -17.2298, -27.9021

Details

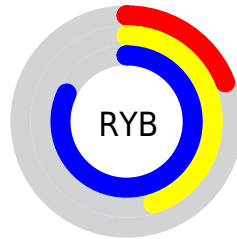
The Hex color **30A6D1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D15B30**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **76DDFF**, and **00729A** is the 20% darker color. If you saturate the color by 10%, you get **1BA0D1**, and if you desaturate by 10%, it is **45ACD1**.

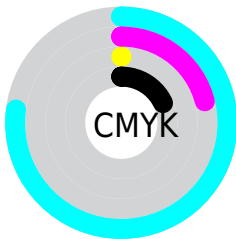
Distribution



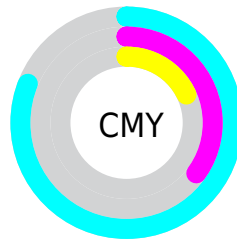
- Red (19%)
- Green (65%)
- Blue (82%)



- Red (19%)
- Yellow (45%)
- Blue (82%)



- Cyan (77%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (81%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A6D1 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 30A6D1 by changing the saturation by 10% instead.

 30A6D1

 30A6D1

FFFFFF

 008CB5

 76DDFF

 00729A

 95FAFF

 005980

 B3FFFF

 004267

 D1FFFF

 002C4F

 F0FFFF

 001838

 000222

 000007

 000000

■ 30A6D1

■ 30A6D1

■ 1BA0D1

■ 45ACD1

■ 069BD1

■ 5AB1D1

■ 0099D1

■ 6FB7D1

■ 84BCD1

■ 99C2D1

■ ADC7D1

■ C2CDD1

■ D7D3D1

■ ECD8D1

Harmonies

Analogous

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



00ABBA



30A6D1



6C9DDA

Triad

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



30A6D1



D6829B



8EA262

Complementary

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



30A6D1



D15B30

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.



AF995A



30A6D1



D7847C

Square

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



30A6D1



C387BA



C98E64



68A87A

Rectangle

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



30A6D1



8F96D6



C98E64



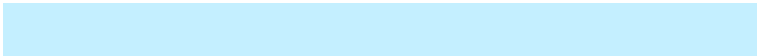
999F5E

Sweetspot

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



30A6D1



C4EFFF



30D15B



5C7680



000000



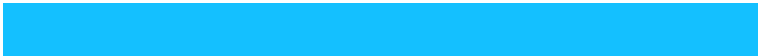
808080

Same Dimension

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



30A6D1



14C0FF



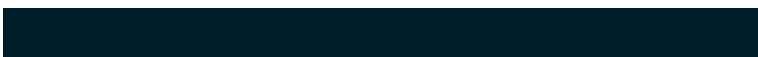
3056D1



5E6669



007BA8



001E29

Inverse Universe

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



D130A6



FF14C0



D1AB30



695E66



A8007B



29001E

Previews

White Background



This preview shows how the Hex color 30A6D1 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 30A6D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

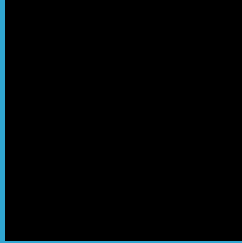
Any Text WCAG AA ✓ Pass

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 30A6D1 Background



This preview shows how black text looks on a background with the Hex color 30A6D1.

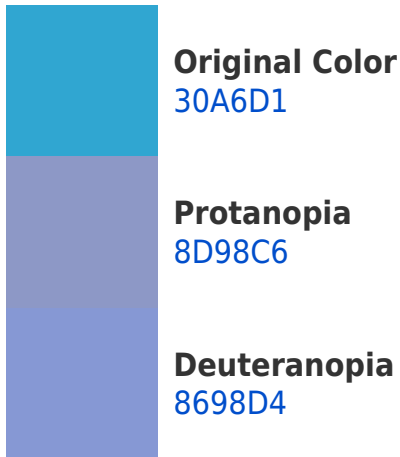


This preview shows how white text looks on a background with the Hex color 30A6D1.

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](#).

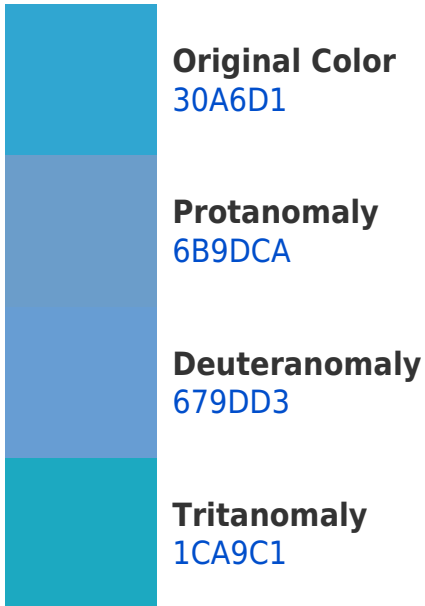
Dichromacy





Tritanopia
11AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30A6D1 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 #30A6D1 looks like.

```
.text, #text, p{  
    color:#30A6D1  
}
```

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 #30A6D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A6D1
}
```

Border

The CSS property to change the border of an element to Hex 30A6D1 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
#30A6D1 }
```

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

```
.border{ border-color:#30A6D1 }
```

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

Here you see how a box with a 4 pixel #30A6D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A6D1; -webkit-box-shadow:4px 4px  
4px 4px #30A6D1; box-shadow:4px 4px 4px  
4px #30A6D1 }
```

Background

The CSS property to change the background color of an element to Hex 30A6D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A6D1 }
```

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

```
.background{ background-color:#30A6D1 }
```

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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