

Converting Colors

Hex(30A6C9)

Have a look what the booklet for
Hex(30A6C9) contains.

Hex(30A6C9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(30A6C9)

Conversions

Conversions Part 1

Format	Color
Hex	30A6C9
RGB	48, 166, 201
RGB Percent	19%, 65%, 79%
CMY	0.8118, 0.3490, 0.2118
CMYK	0.76, 0.17, 0.00, 0.21
HSL	194°, 61%, 49%
HSV	194°, 76%, 79%
XYZ	25.3978, 32.1179, 60.1191
YIQ	134.7080, -81.5630, -14.1310

Conversions

Conversions Part 2

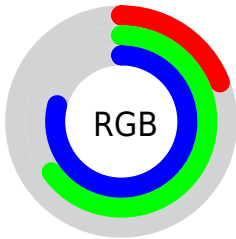
Format	Color
RYB	48, 115, 201
Decimal	3188425
CIELab	63.44, -20.37, -27.11
CIELCh	63, 33.908, 233.087
Yxy	32.1179, 0.2159, 0.2730
Android (android.graphics.Color)	4281378505 (0xFF30A6C9)
YUV	134.7080, 32.6820, -76.0429
Hunter-Lab	56.6726, -19.1826, -23.2248

Details

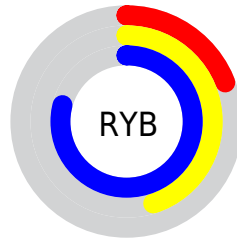
The Hex color **30A6C9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C95330**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **75DDFF**, and **007293** is the 20% darker color. If you saturate the color by 10%, you get **1CA1C9**, and if you desaturate by 10%, it is **44ABC9**.

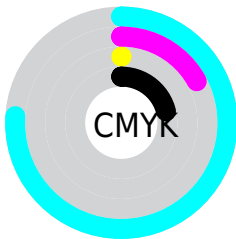
Distribution



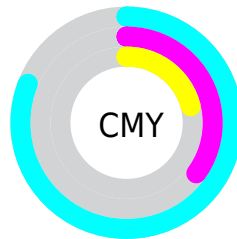
- Red (19%)
- Green (65%)
- Blue (79%)



- Red (19%)
- Yellow (45%)
- Blue (79%)



- Cyan (76%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (81%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A6C9 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 30A6C9 by changing the saturation by 10% instead.

■ 30A6C9

■ 30A6C9

FFFFFF

■ 008CAE

■ 75DDFF

■ 007293

■ 93FAFF

■ 005979

■ B1FFFF

■ 004260

■ D0FFFF

■ 002B48

■ EEEFFF

■ 001731

■ 00021C

■ 000000

■ 30A6C9

■ 30A6C9

■ 1CA1C9

■ 44ABC9

■ 089DC9

■ 58AFC9

■ 009BC9

■ 6CB4C9

■ 80B8C9

■ 95BDC9

■ A9C2C9

■ BDC6C9

■ D1CBC9

■ E5CFC9

Harmonies

Analogous

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



25AAB0



30A6C9



639FD5

Triad

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



30A6C9



CF83A2



969F61

Complementary

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



30A6C9



C95330

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.



B4955E



30A6C9



D58483

Square

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



30A6C9



B98ABE



CA8B6A



73A674

Rectangle

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



30A6C9



8498D4



CA8B6A



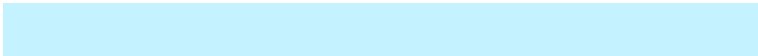
A19C5E

Sweetspot

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



30A6C9



C4F2FF



30C951



5C7780



000000



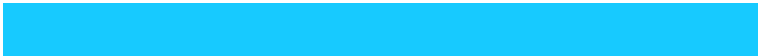
808080

Same Dimension

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



30A6C9



17CAFF



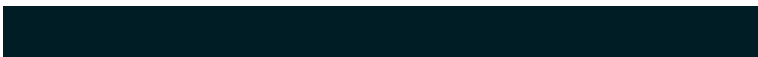
305BC9



5A6163



007EA3



001C24

Inverse Universe

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



C930A6



FF17CA



C99E30



635A61



A3007E



24001C

Previews

White Background



This preview shows how the Hex color 30A6C9 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 30A6C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

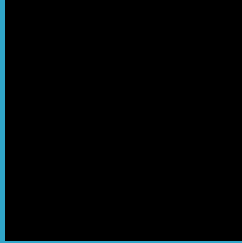
Any Text WCAG AA ✓ Pass

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 30A6C9 Background



This preview shows how black text looks on a background with the Hex color 30A6C9.



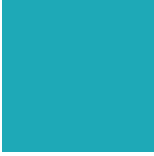
This preview shows how white text looks on a background with the Hex color 30A6C9.

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](#).

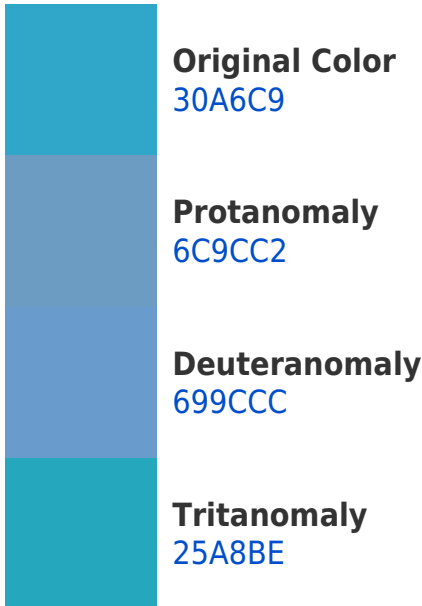
Dichromacy



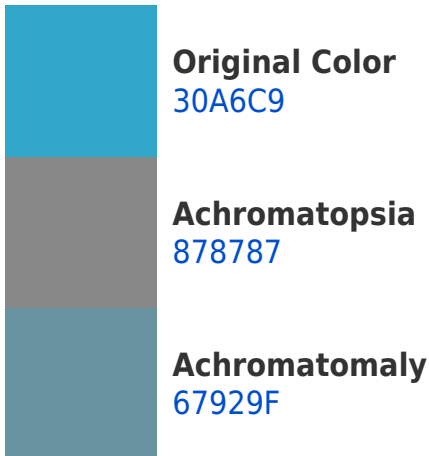


Tritanopia
1EA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30A6C9 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 #30A6C9 looks like.

```
.text, #text, p{  
    color:#30A6C9  
}
```

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 #30A6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A6C9
}
```

Border

The CSS property to change the border of an element to Hex 30A6C9 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
#30A6C9 }
```

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

```
.border{ border-color:#30A6C9 }
```

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

Here you see how a box with a 4 pixel #30A6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A6C9; -webkit-box-shadow:4px 4px  
4px 4px #30A6C9; box-shadow:4px 4px 4px  
4px #30A6C9 }
```

Background

The CSS property to change the background color of an element to Hex 30A6C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A6C9 }
```

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

```
.background{ background-color:#30A6C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor