

Converting Colors

Hex(30A8B5)

Have a look what the booklet for
Hex(30A8B5) contains.

Hex(30A8B5)	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(30A8B5)

Conversions

Conversions Part 1

Format	Color
Hex	30A8B5
RGB	48, 168, 181
RGB Percent	19%, 66%, 71%
CMY	0.8118, 0.3412, 0.2902
CMYK	0.73, 0.07, 0.00, 0.29
HSL	186°, 58%, 45%
HSV	186°, 73%, 71%
XYZ	23.5620, 31.9698, 48.6450
YIQ	133.6020, -75.6930, -21.3970

Conversions

Conversions Part 2

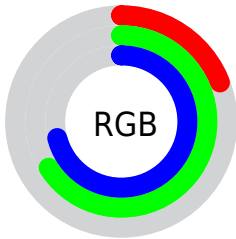
Format	Color
RYB	48, 111, 181
Decimal	3188917
CIELab	63.32, -27.79, -16.14
CIELCh	63, 32.138, 210.143
Yxy	31.9698, 0.2262, 0.3069
Android (android.graphics.Color)	4281378997 (0xFF30A8B5)
YUV	133.6020, 23.3672, -75.0730
Hunter-Lab	56.5419, -24.5640, -11.4300




Details

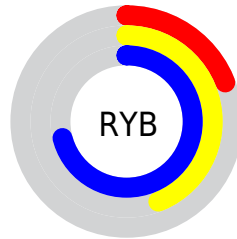
The Hex color **30A8B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B53D30**, and the grayscale version is **858585**.




A 20% lighter version of the original color is **72E0ED**, and **007380** is the 20% darker color. If you saturate the color by 10%, you get **1EA6B5**, and if you desaturate by 10%, it is **42AAB5**.

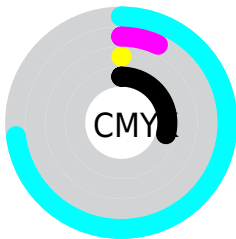
Distribution







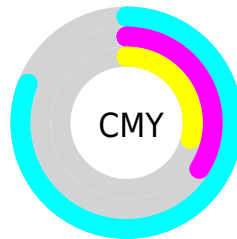
-  Red (19%)
-  Green (66%)
-  Blue (71%)






-  Red (19%)
-  Yellow (44%)
-  Blue (71%)



-  Cyan (73%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (81%)
-  Magenta (34%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A8B5 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 30A8B5 by changing the saturation by 10% instead.

 30A8B5

 30A8B5

FFFFFF

 008D9A

 72E0ED

 007380

 90FCFF

 005B67

 AEFFFF

 00434F

 CCFFFF

 002C38

 EAFFFF

 001523

 00000B

 000000

 30A8B5

 30A8B5

■ 1EA6B5

■ 42AAB5

■ 0CA4B5

■ 54ACB5

■ 00A3B5

■ 66ADB5

■ 78AFB5

■ 8BB1B5

■ 9DB3B5

■ AFB4B5

■ C1B6B5

■ D3B8B5

Harmonies

Analogous

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



49A998



30A8B5



44A4CA

Triad

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



30A8B5



BE88B6



AC9860

Complementary

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



30A8B5



B53D30

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.



C48E69



30A8B5



CF839A

Square

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



30A8B5



9D92CB



D1867E



8EA067

Rectangle

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



30A8B5



629FD1



D1867E



B59461

Sweetspot

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



30A8B5



B7E6EB



30B53B



577275



F5F5F5



757575

Same Dimension

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



30A8B5



1CD6EB



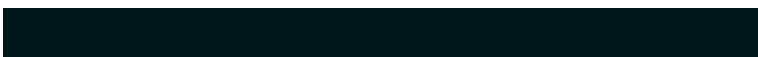
3067B5



505859



008A99



00171A

Inverse Universe

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



B530A8



EB1CD6



B57E30



595058



99008A



1A0017

Previews

White Background



This preview shows how the Hex color 30A8B5 looks on a white background.

Color Contrast Check

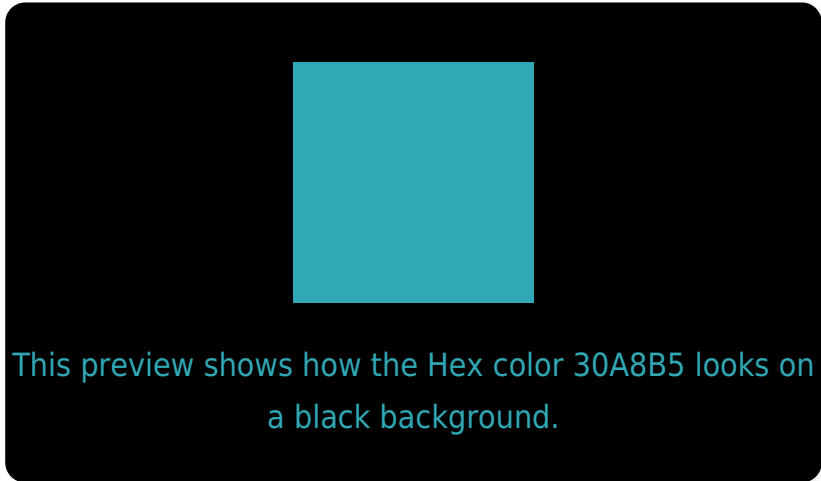
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

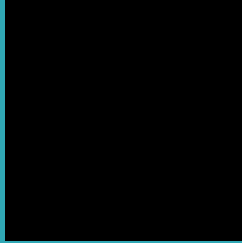
Any Text WCAG AA ✓ Pass

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 30A8B5 Background



This preview shows how black text looks on a background with the Hex color 30A8B5.

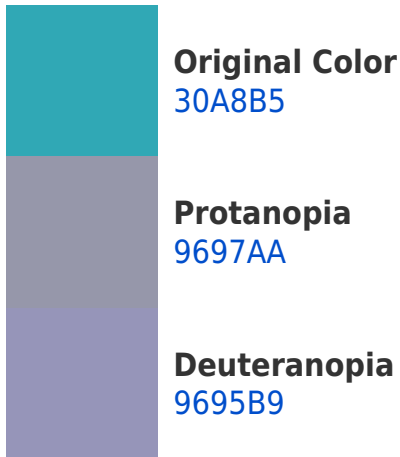


This preview shows how white text looks on a background with the Hex color 30A8B5.

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](#).

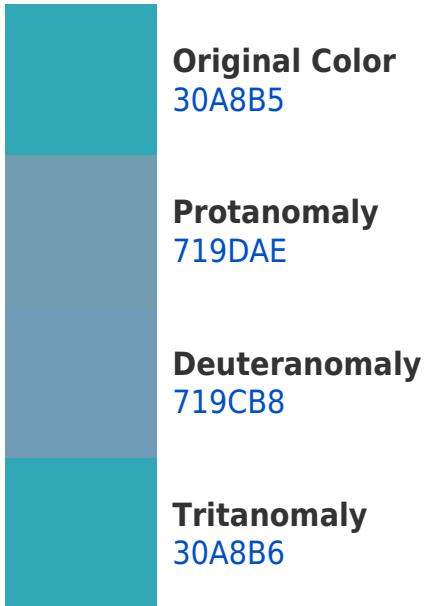
Dichromacy



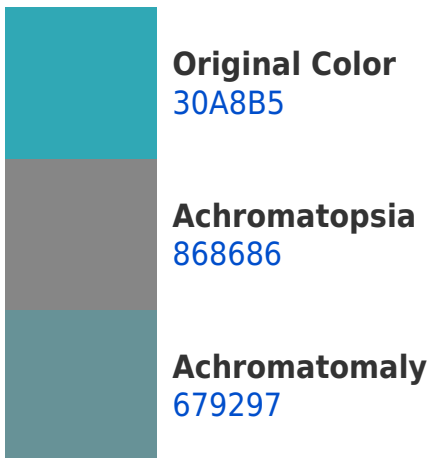


Tritanopia
30A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30A8B5 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 #30A8B5 looks like.

```
.text, #text, p{  
    color:#30A8B5  
}
```

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 #30A8B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A8B5
}
```

Border

The CSS property to change the border of an element to Hex 30A8B5 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
#30A8B5 }
```

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

```
.border{ border-color:#30A8B5 }
```

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

Here you see how a box with a 4 pixel #30A8B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A8B5; -webkit-box-shadow:4px 4px  
4px 4px #30A8B5; box-shadow:4px 4px 4px  
4px #30A8B5 }
```

Background

The CSS property to change the background color of an element to Hex 30A8B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A8B5 }
```

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

```
.background{ background-color:#30A8B5 }
```

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