

Converting Colors

Hex(30B8A5)

Have a look what the booklet for
Hex(30B8A5) contains.

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Color

Hex(30B8A5)

Conversions

Conversions Part 1

Format	Color
Hex	30B8A5
RGB	48, 184, 165
RGB Percent	19%, 72%, 65%
CMY	0.8118, 0.2784, 0.3529
CMYK	0.74, 0.00, 0.10, 0.28
HSL	172°, 59%, 45%
HSV	172°, 74%, 72%
XYZ	25.1509, 37.6260, 41.5343
YIQ	141.1700, -74.9570, -34.7410

Conversions

Conversions Part 2

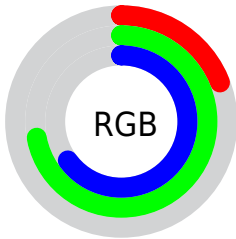
Format	Color
RYB	48, 121, 184
Decimal	3192997
CIELab	67.74, -39.96, -0.66
CIElCh	68, 39.968, 180.949
Yxy	37.6260, 0.2411, 0.3607
Android (android.graphics.Color)	4281383077 (0xFF30B8A5)
YUV	141.1700, 11.7482, -81.7101
Hunter-Lab	61.3400, -34.1555, 2.7918

Details

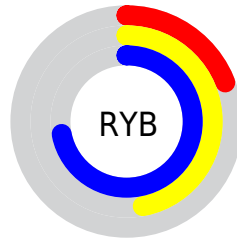
The Hex color **30B8A5** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B83043**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **73F1DC**, and **008271** is the 20% darker color. If you saturate the color by 10%, you get **1EB8A2**, and if you desaturate by 10%, it is **42B8A8**.

Distribution



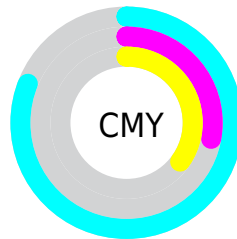
- Red (19%)
- Green (72%)
- Blue (65%)



- Red (19%)
- Yellow (47%)
- Blue (72%)



- Cyan (74%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (81%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30B8A5 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 30B8A5 by changing the saturation by 10% instead.



30B8A5



30B8A5

FFFFFF



009D8B



73F1DC



008271



91FFF8



006859



AFFFFFF



004F42



CDFFFF



00372C



EBFFFF



002317



000000



30B8A5



30B8A5



1EB8A2



42B8A8

0BB8A0

55B8AA

00B89E

67B8AD

7AB8AF

8CB8B2

9EB8B4

B1B8B7

C3B8BA

D6B8BC

Harmonies

Analogous

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



6AB581



30B8A5



00B7C9

Triad

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



30B8A5



AA9BE3



D89767

Complementary

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



30B8A5



B83043

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.



E98C82



30B8A5



D38FC9

Square

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



30B8A5



70A8ED



E88A5



BBA35C

Rectangle

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



30B8A5



00B4DC



E888A5



DF936E

Sweetspot

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



30B8A5



BBF0E8



44B830



597873



F7F7F7



787878

Same Dimension

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



30B8A5



1AF0D2



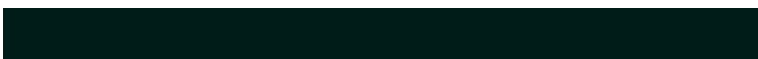
3088B8



535C5B



009C86



001C18

Inverse Universe

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



B83043



F01A38



B86030



5C5354



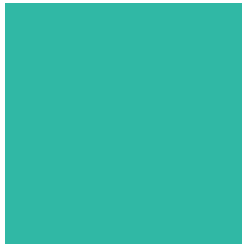
9C0016



1C0004

Previews

White Background



This preview shows how the Hex color 30B8A5 looks on a white background.

Color Contrast Check

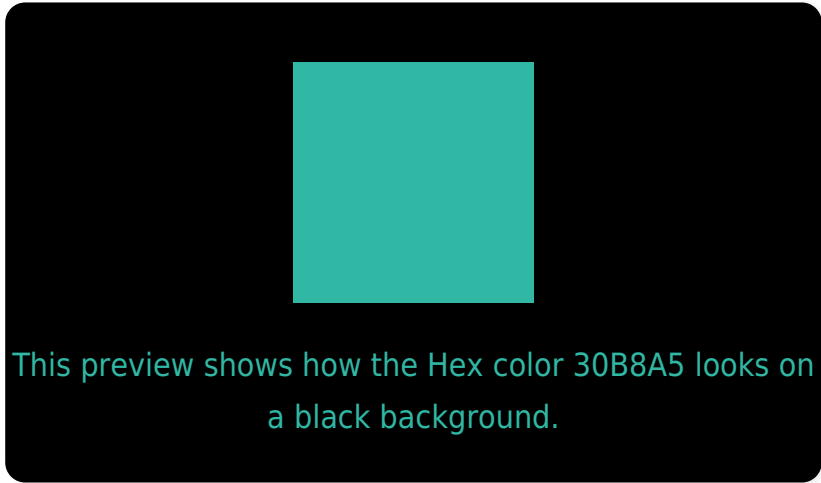
Large Text (above 18pt) WCAG AA × Fail

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

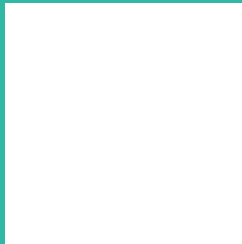
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 30B8A5 Background



This preview shows how black text looks on a background with the Hex color 30B8A5.

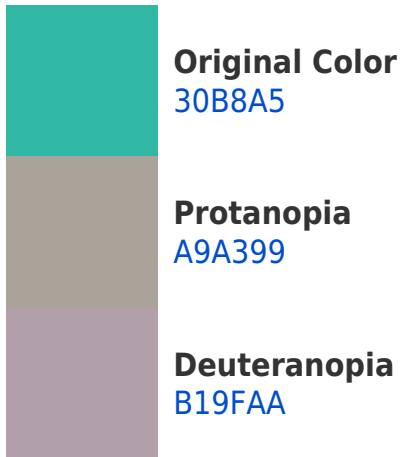


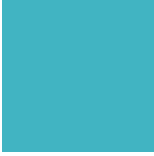
This preview shows how white text looks on a background with the Hex color 30B8A5.

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
41B4C2

Trichromacy



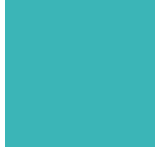
Original Color
30B8A5



Protanomaly
7DAB9D



Deuteranomaly
82A8A8



Tritanomaly
3BB5B7

Monochromacy



Original Color
30B8A5



Achromatopsia
8D8D8D



Achromatomaly
6B9D96

CSS Examples

Text

The CSS property to change the color of the text to Hex 30B8A5 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 #30B8A5 looks like.

```
.text, #text, p{  
    color:#30B8A5  
}
```

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 #30B8A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30B8A5
}
```

Border

The CSS property to change the border of an element to Hex 30B8A5 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
#30B8A5 }
```

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

```
.border{ border-color:#30B8A5 }
```

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

Here you see how a box with a 4 pixel #30B8A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30B8A5; -webkit-box-shadow:4px 4px  
4px 4px #30B8A5; box-shadow:4px 4px 4px  
4px #30B8A5 }
```

Background

The CSS property to change the background color of an element to Hex 30B8A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30B8A5 }
```

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

```
.background{ background-color:#30B8A5 }
```

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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