

# Converting Colors

Hex(30A5A5)

Have a look what the booklet for  
Hex(30A5A5) contains.

<b>Hex(30A5A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(30A5A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30A5A5
RGB	48, 165, 165
RGB Percent	19%, 65%, 65%
CMY	0.8118, 0.3529, 0.3529
CMYK	0.71, 0.00, 0.00, 0.35
HSL	180°, 55%, 42%
HSV	180°, 71%, 65%
XYZ	21.4656, 30.2553, 40.3058
YIQ	130.0170, -69.7320, -24.8040

# Conversions

## Conversions Part 2

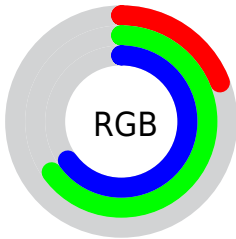
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 107, 165
Decimal	3188133
CIELab	61.87, -31.17, -9.34
CIElCh	62, 32.543, 196.676
Yxy	30.2553, 0.2333, 0.3288
Android (android.graphics.Color)	4281378213 (0xFF30A5A5)
YUV	130.0170, 17.2466, -71.9289
Hunter-Lab	55.0048, -26.5988, -4.9425

# Details

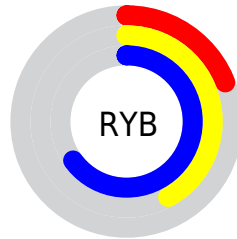
The Hex color **30A5A5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A53030**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **70DCDC**, and **007171** is the 20% darker color. If you saturate the color by 10%, you get **1FA5A5**, and if you desaturate by 10%, it is **41A5A5**.

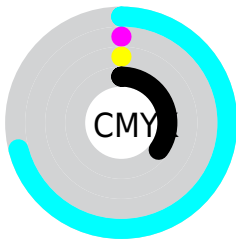
# Distribution



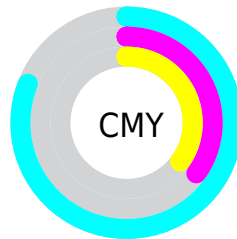
- Red (19%)
- Green (65%)
- Blue (65%)



- Red (19%)
- Yellow (42%)
- Blue (65%)



- Cyan (71%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 30A5A5 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 30A5A5 by changing the saturation by 10% instead.



■ 30A5A5

■ 30A5A5

FFFFFF

■ 008A8B

■ 70DCDC

■ 007171

■ 8EF9F8

■ 005859

■ ABFFFF

■ 004042

■ C9FFFF

■ 00292B

■ E7FFFF

■ 000E18

■ 000000

■ 30A5A5

■ 30A5A5

■ 1FA5A5

■ 41A5A5

0FA5A5

51A5A5

00A5A5

62A5A5

72A5A5

83A5A5

93A5A5

A3A5A5

B4A5A5

C4A5A5

# Harmonies

## Analogous

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



54A487



30A5A5



2CA2BF

# Triad

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



30A5A5



AD88BD



B48F5E

# Complementary

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



30A5A5



A53030

# 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.



C7866D



30A5A5



C681A4

# Square

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



30A5A5



8693CC



CE8086



99995D

# Rectangle

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



30A5A5



479FCA



CE8086



BC8C61



# Sweetspot

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



30A5A5



A9D6D6



30A530



506B6B



EBEBEB



6B6B6B



# Same Dimension

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



30A5A5



20D6D6



306AA5



495252



009191



001212



# Inverse Universe

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



A530A5



D620D6



A56A30



524952



910091

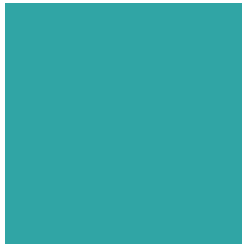


120012



# Previews

## White Background



This preview shows how the Hex color 30A5A5 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 30A5A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

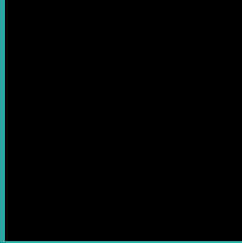
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

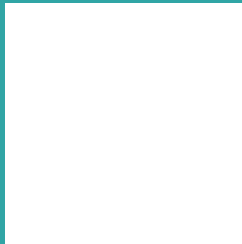
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30A5A5 Background



This preview shows how black text looks on a background with the Hex color 30A5A5.

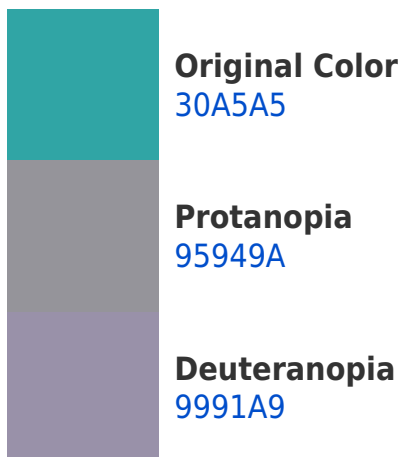


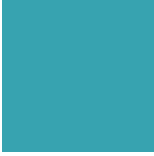
This preview shows how white text looks on a background with the Hex color 30A5A5.

# 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



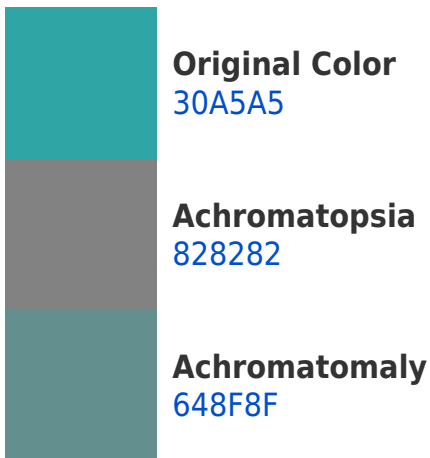


**Tritanopia**  
37A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30A5A5 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 #30A5A5 looks like.

```
.text, #text, p{  
    color:#30A5A5  
}
```

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 #30A5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A5A5
}
```

## Border

The CSS property to change the border of an element to Hex 30A5A5 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
#30A5A5 }
```

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

```
.border{ border-color:#30A5A5 }
```

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

Here you see how a box with a 4 pixel #30A5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A5A5; -webkit-box-shadow:4px 4px  
4px 4px #30A5A5; box-shadow:4px 4px 4px  
4px #30A5A5 }
```

# Background

The CSS property to change the background color of an element to Hex 30A5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A5A5 }
```

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

```
.background{ background-color:#30A5A5 }
```

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