

# Converting Colors

Hex(348D77)

Have a look what the booklet for  
Hex(348D77) contains.

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**Color**

**Hex(348D77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	348D77
RGB	52, 141, 119
RGB Percent	20%, 55%, 47%
CMY	0.7961, 0.4471, 0.5333
CMYK	0.63, 0.00, 0.16, 0.45
HSL	165°, 46%, 38%
HSV	165°, 63%, 55%
XYZ	14.2708, 21.1117, 20.7756
YIQ	111.8810, -45.9820, -25.7100

# Conversions

## Conversions Part 2

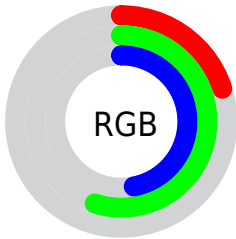
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 103, 141
Decimal	3444087
CIE <sub>Lab</sub>	53.07, -31.97, 3.95
CIE <sub>LCh</sub>	53, 32.215, 172.960
Yxy	21.1117, 0.2541, 0.3759
Android (android.graphics.Color)	4281634167 (0xFF348D77)
YUV	111.8810, 3.5097, -52.5156
Hunter-Lab	45.9475, -24.9678, 5.3547

# Details

The Hex color **348D77** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D344A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6CC3AB**, and **005A47** is the 20% darker color. If you saturate the color by 10%, you get **268D74**, and if you desaturate by 10%, it is **428D7A**.

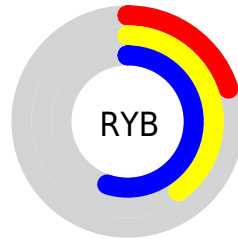
# Distribution



Red (20%)

Green (55%)

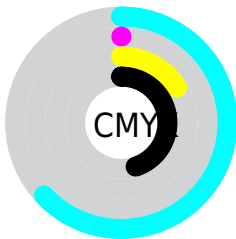
Blue (47%)



Red (20%)

Yellow (40%)

Blue (55%)

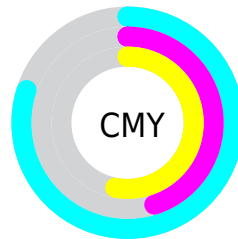


Cyan (63%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (80%)

Magenta (45%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 348D77 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 348D77 by changing the saturation by 10% instead.





348D77



348D77

FFFFFF



10735E



6CC3AB



005A47



88DFC6



004230



A4FCE2



002B1C



C1FFFF



001301



D0FFFF



000000



F0FFFF



348D77



348D77



268D74



428D7A

■ 188D70

■ 508D7E

■ 0A8D6D

■ 5E8D81

■ 008D6A

■ 6C8D85

■ 7B8D88

■ 898D8C

■ 978D8F

■ A58D93

■ B38D96

# Harmonies

## Analogous

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



5B8A5C



348D77



008D93

# Triad

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



348D77



787AB2



AB7153

# Complementary

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



348D77



8D344A

# 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.



B46A6B



348D77



9B70A0

# Square

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



348D77



4983B5



B06986



967B47

# Rectangle

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



348D77



008BA4



B06986



AF6E5A



# Sweetspot

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



348D77



95B8AF



4A8D34



475C57



DBDBDB



5C5C5C



# Same Dimension

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



348D77



2CB895



34778D



404746



008766



000806



# Inverse Universe

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



8D344A



B82C4F



8D4A34



474042



870021

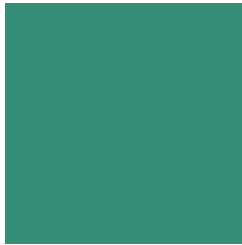


080002



# Previews

## White Background



This preview shows how the Hex color 348D77 looks on a white background.

## Color Contrast Check

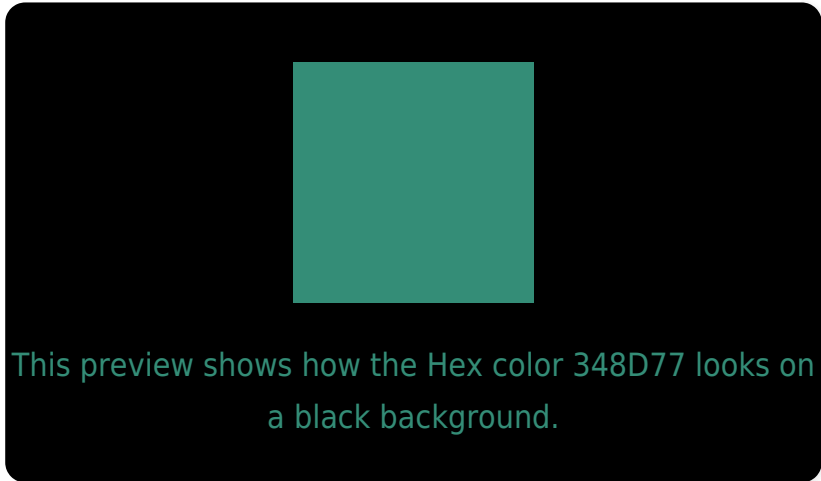
Large Text (above 18pt) WCAG AA ✓ Pass

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

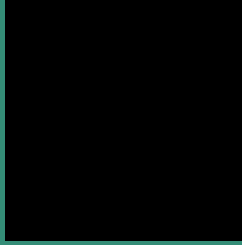
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 348D77 Background



This preview shows how black text looks on a background with the Hex color 348D77.

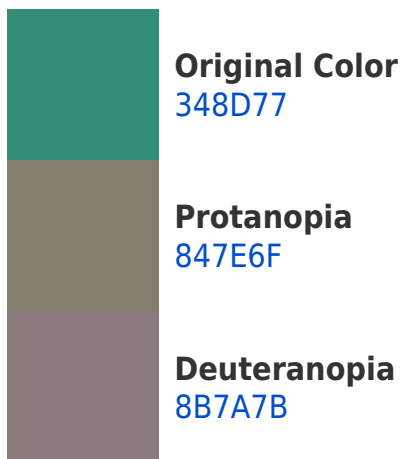


This preview shows how white text looks on a background with the Hex color 348D77.

# 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](#).

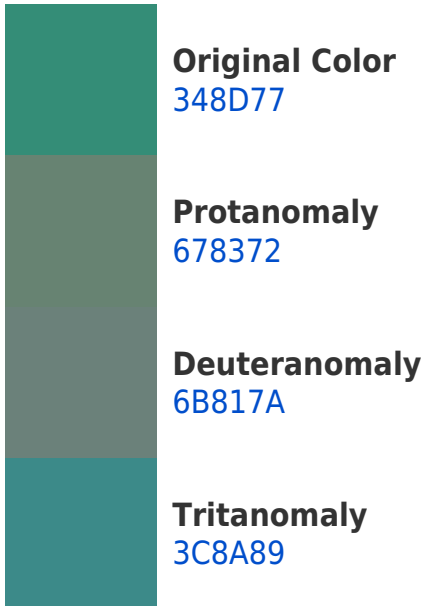
## Dichromacy





**Tritanopia**  
408994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 348D77 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 #348D77 looks like.

```
.text, #text, p{  
    color:#348D77  
}
```

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 #348D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #348D77
}
```

## Border

The CSS property to change the border of an element to Hex 348D77 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
#348D77 }
```

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

```
.border{ border-color:#348D77 }
```

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

Here you see how a box with a 4 pixel #348D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #348D77; -webkit-box-shadow:4px 4px  
4px 4px #348D77; box-shadow:4px 4px 4px  
4px #348D77 }
```

# Background

The CSS property to change the background color of an element to Hex 348D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#348D77 }
```

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

```
.background{ background-color:#348D77 }
```

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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