

# Converting Colors

Hex(34777B)

Have a look what the booklet for  
Hex(34777B) contains.

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# Color

**Hex(34777B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	34777B
RGB	52, 119, 123
RGB Percent	20%, 47%, 48%
CMY	0.7961, 0.5333, 0.5176
CMYK	0.58, 0.03, 0.00, 0.52
HSL	183°, 41%, 34%
HSV	183°, 58%, 48%
XYZ	11.5882, 15.3538, 21.0917
YIQ	99.4230, -41.2160, -12.9600

# Conversions

## Conversions Part 2

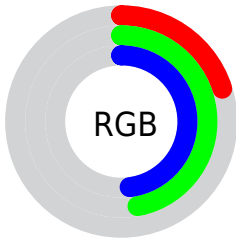
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 86, 123
Decimal	3438459
CIE <sub>Lab</sub>	46.11, -19.81, -8.63
CIE <sub>LCh</sub>	46, 21.604, 203.535
Yxy	15.3538, 0.2413, 0.3196
Android (android.graphics.Color)	4281628539 (0xFF34777B)
YUV	99.4230, 11.6235, -41.5900
Hunter-Lab	39.1839, -15.7827, -4.4856

# Details

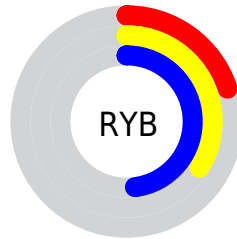
The Hex color **34777B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B3834**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6AABAF**, and **00464A** is the 20% darker color. If you saturate the color by 10%, you get **28767B**, and if you desaturate by 10%, it is **40787B**.

# Distribution



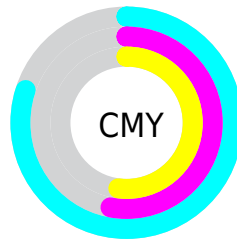
- Red (20%)
- Green (47%)
- Blue (48%)



- Red (20%)
- Yellow (34%)
- Blue (48%)



- Cyan (58%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (80%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34777B 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 34777B by changing the saturation by 10% instead.





34777B



34777B

FFFFFF



155E62



6AABAF



00464A



85C7CB



003034



A0E3E7



001C1F



BDFFFF



000005



D9FFFF



000000



F6FFFF



34777B



34777B



28767B



40787B

■ 1B767B

■ 4D787B

■ 0F757B

■ 59797B

■ 03747B

■ 657A7B

■ 00747B

■ 727A7B

■ 7E7B7B

■ 8A7C7B

■ 967D7B

■ A37D7B

# Harmonies

## Analogous

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



427769



34777B



39758A

# Triad

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



34777B



816483



7E6B49

# Complementary

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



34777B



7B3834

# 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.



8B6551



34777B



8E6072

# Square

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



34777B



6A6A8E



916060



6B714C

# Rectangle

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



34777B



47728F



916060



83694B



# Sweetspot

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



34777B



859FA1



347B38



415152



D1D1D1



525252



# Same Dimension

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



34777B



329AA1



34547B



373D3D



00767D



00EEFC



# Inverse Universe

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



7B3477



A1329A



7B5B34



3D373D



7D0076



FC00EE



# Previews

## White Background



This preview shows how the Hex color 34777B looks on a white background.

## Color Contrast Check

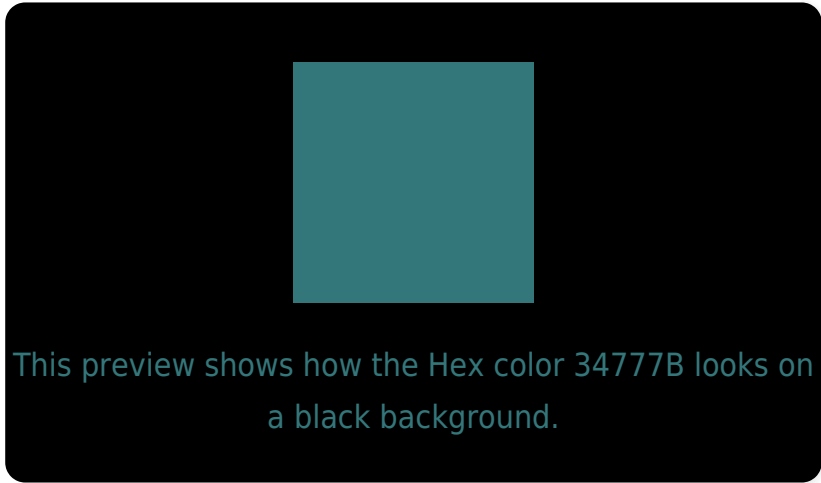
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

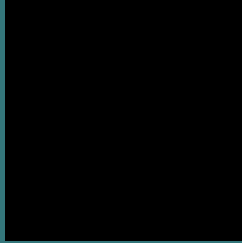
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34777B Background



This preview shows how black text looks on a background with the Hex color 34777B.



This preview shows how white text looks on a background with the Hex color 34777B.

# 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



**Original Color**  
34777B

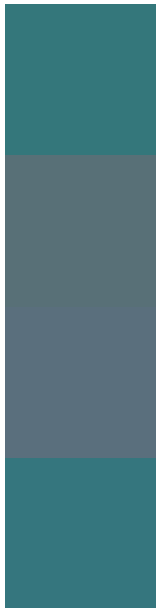
**Protanopia**  
6C6C74

**Deuteranopia**  
6F6A7E



**Tritanopia**  
367680

# Trichromacy



**Original Color**  
34777B

**Protanomaly**  
587077

**Deuteranomaly**  
5A6F7D

**Tritanomaly**  
35767E

# Monochromacy



**Original Color**  
34777B

**Achromatopsia**  
636363

**Achromatomaly**  
526A6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34777B 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 #34777B looks like.

```
.text, #text, p{  
    color:#34777B  
}
```

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 #34777B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34777B  
}
```

## Border

The CSS property to change the border of an element to Hex 34777B 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  
#34777B }
```

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

```
.border{ border-color:#34777B }
```

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

Here you see how a box with a 4 pixel #34777B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34777B; -webkit-box-shadow:4px 4px  
4px 4px #34777B; box-shadow:4px 4px 4px  
4px #34777B }
```

# Background

The CSS property to change the background color of an element to Hex 34777B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34777B }
```

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

```
.background{ background-color:#34777B }
```

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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