

# Converting Colors

Hex(347578)

Have a look what the booklet for  
Hex(347578) contains.

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# Color

**Hex(347578)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	347578
RGB	52, 117, 120
RGB Percent	20%, 46%, 47%
CMY	0.7961, 0.5412, 0.5294
CMYK	0.57, 0.03, 0.00, 0.53
HSL	183°, 40%, 34%
HSV	183°, 57%, 47%
XYZ	11.1676, 14.8087, 20.0391
YIQ	97.9070, -39.7030, -12.8470

# Conversions

## Conversions Part 2

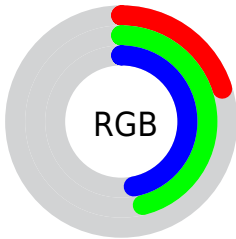
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 85, 120
Decimal	3437944
CIELab	45.37, -19.64, -7.95
CIELCh	45, 21.186, 202.044
Yxy	14.8087, 0.2427, 0.3218
Android (android.graphics.Color)	4281628024 (0xFF347578)
YUV	97.9070, 10.8918, -40.2604
Hunter-Lab	38.4821, -15.5424, -3.9371

# Details

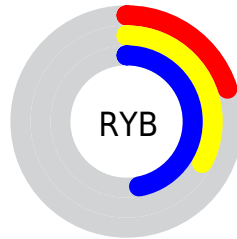
The Hex color **347578** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **783734**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6AA9AC**, and **004448** is the 20% darker color. If you saturate the color by 10%, you get **287478**, and if you desaturate by 10%, it is **407678**.

# Distribution



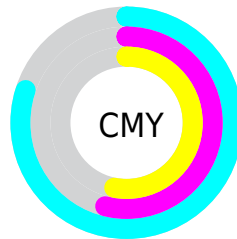
- Red (20%)
- Green (46%)
- Blue (47%)



- Red (20%)
- Yellow (33%)
- Blue (47%)



- Cyan (57%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (54%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 347578 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 347578 by changing the saturation by 10% instead.



■ 347578

■ 347578

FFFFFF

■ 165C5F

■ 6AA9AC

■ 004448

■ 84C5C8

■ 002E31

■ A0E1E4

■ 001B1C

■ BCFDFF

■ 000000

■ D8FFFF

■ F5FFFF

■ 347578

■ 347578

■ 287478

■ 407678

■ 1C7478

■ 4C7678

■ 107378

■ 587778

■ 047378

■ 647778

■ 007378

■ 707878

■ 7C7878

■ 887978

■ 947978

■ A07A78

# Harmonies

## Analogous

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



427566



347578



387387

# Triad

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



347578



7D6281



7C6949

# Complementary

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



347578



783734

# 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.



896350



347578



8B5F71

# Square

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



347578



67698C



8F5F5F



6A6E4A

# Rectangle

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



347578



45708D



8F5F5F



81674A



# Sweetspot

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



347578



819A9C



347836



3F4E4F



CFCFCF



4F4F4F



# Same Dimension

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



347578



32979C



345478



373D3D



00777D



00F1FC



# Inverse Universe

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



783475



9C3297



785834



3D373D



7D0077

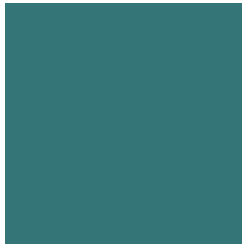


FC00F1



# Previews

## White Background



This preview shows how the Hex color 347578 looks on a white background.

## Color Contrast Check

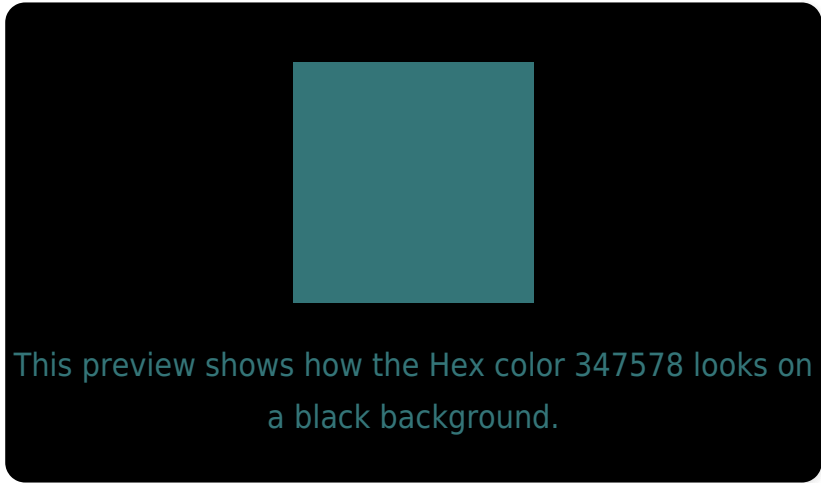
Large Text (above 18pt) WCAG AA ✓ Pass

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

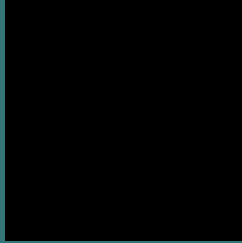
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 347578 Background



This preview shows how black text looks on a background with the Hex color 347578.



This preview shows how white text looks on a background with the Hex color 347578.

# 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**  
347578

**Protanopia**  
6B6A71

**Deuteranopia**  
6E687B



**Tritanopia**  
36747E

# Trichromacy



**Original Color**  
347578

**Protanomaly**  
576E74

**Deuteranomaly**  
596D7A

**Tritanomaly**  
35747C

# Monochromacy



**Original Color**  
347578

**Achromatopsia**  
626262

**Achromatomaly**  
51696A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 347578 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 #347578 looks like.

```
.text, #text, p{  
    color:#347578  
}
```

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 #347578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347578
}
```

## Border

The CSS property to change the border of an element to Hex 347578 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
#347578 }
```

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

```
.border{ border-color:#347578 }
```

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

Here you see how a box with a 4 pixel #347578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347578; -webkit-box-shadow:4px 4px  
4px 4px #347578; box-shadow:4px 4px 4px  
4px #347578 }
```

# Background

The CSS property to change the background color of an element to Hex 347578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347578 }
```

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

```
.background{ background-color:#347578 }
```

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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