

Converting Colors

Hex(347782)

Have a look what the booklet for
Hex(347782) contains.

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Color

Hex(347782)

Conversions

Conversions Part 1

Format	Color
Hex	347782
RGB	52, 119, 130
RGB Percent	20%, 47%, 51%
CMY	0.7961, 0.5333, 0.4902
CMYK	0.60, 0.08, 0.00, 0.49
HSL	188°, 43%, 36%
HSV	188°, 60%, 51%
XYZ	12.0423, 15.5354, 23.4830
YIQ	100.2210, -43.4630, -10.7830

Conversions

Conversions Part 2

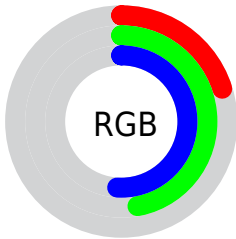
Format	Color
RYB	52, 88, 130
Decimal	3438466
CIELab	46.36, -17.66, -12.42
CIELCh	46, 21.594, 215.124
Yxy	15.5354, 0.2358, 0.3043
Android (android.graphics.Color)	4281628546 (0xFF347782)
YUV	100.2210, 14.6810, -42.2898
Hunter-Lab	39.4150, -14.4401, -7.7338

Details

The Hex color **347782** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **823F34**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6BABB7**, and **004651** is the 20% darker color. If you saturate the color by 10%, you get **277582**, and if you desaturate by 10%, it is **417982**.

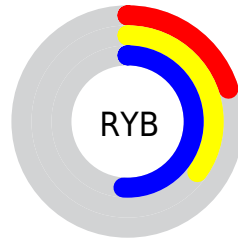
Distribution



Red (20%)

Green (47%)

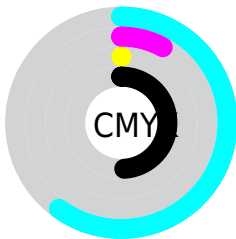
Blue (51%)



Red (20%)

Yellow (35%)

Blue (51%)

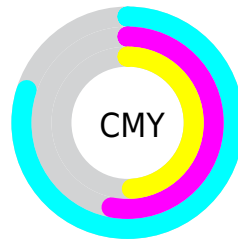


Cyan (60%)

Magenta (8%)

Yellow (0%)

Black (49%)



Cyan (80%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347782 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 347782 by changing the saturation by 10% instead.

■ 347782

■ 347782

FFFFFF

■ 145E69

■ 6BABB7

■ 004651

■ 86C7D3

■ 00303A

■ A1E3EF

■ 001C24

■ BEFFFF

■ 00010E

■ DAFFFF

■ 000000

■ F8FFFF

■ 347782

■ 347782

■ 277582

■ 417982

■ 1A7382

■ 4E7B82

■ 0D7182

■ 5B7C82

■ 007082

■ 687E82

■ 758082

■ 828282

■ 8F8482

■ 9C8682

■ A98882

Harmonies

Analogous

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



3C7870



347782



41748E

Triad

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



347782



88637D



786E4A

Complementary

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



347782



823F34

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.



87684D



347782



91606B

Square

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



347782



74688B



91625A



647350

Rectangle

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



347782



527092



91625A



7D6C4A

Sweetspot

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



347782



8AA4A8



34823E



425254



D4D4D4



545454

Same Dimension

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



347782



2F97A8



345182



393F40



006E80



000000

Inverse Universe

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



823477



A82F97



826534



40393F



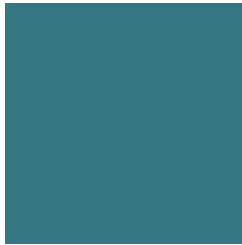
80006E



000000

Previews

White Background



This preview shows how the Hex color 347782 looks on a white background.

Color Contrast Check

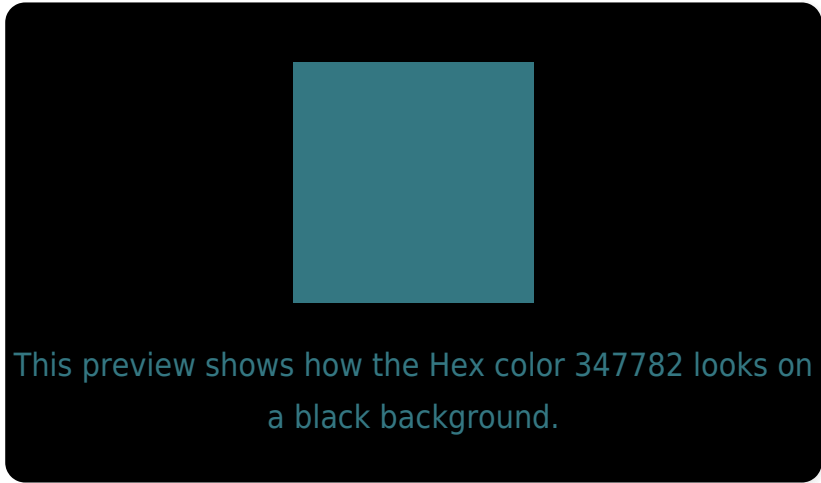
Large Text (above 18pt) WCAG AA ✓ Pass

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

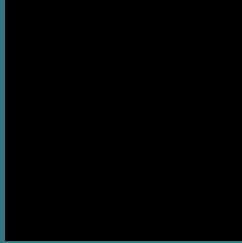
Any Text WCAG AA × Fail

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 347782 Background



This preview shows how black text looks on a background with the Hex color 347782.

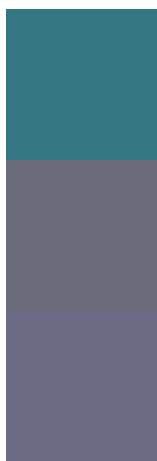


This preview shows how white text looks on a background with the Hex color 347782.

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
347782

Protanopia
6B6C7B

Deuteranopia
6C6B85



Tritanopia
337781

Trichromacy



Original Color
347782

Protanomaly
57707E

Deuteranomaly
586F84

Tritanomaly
337781

Monochromacy



Original Color
347782

Achromatopsia
646464

Achromatomaly
536B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 347782 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 #347782 looks like.

```
.text, #text, p{  
    color:#347782  
}
```

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 #347782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347782
}
```

Border

The CSS property to change the border of an element to Hex 347782 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
#347782 }
```

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

```
.border{ border-color:#347782 }
```

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

Here you see how a box with a 4 pixel #347782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347782; -webkit-box-shadow:4px 4px  
4px 4px #347782; box-shadow:4px 4px 4px  
4px #347782 }
```

Background

The CSS property to change the background color of an element to Hex 347782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347782 }
```

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

```
.background{ background-color:#347782 }
```

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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