

Converting Colors

Hex(00347C)

Have a look what the booklet for
Hex(00347C) contains.

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Color

Hex(00347C)

Conversions

Conversions Part 1

Format	Color
Hex	00347C
RGB	0, 52, 124
RGB Percent	0%, 20%, 49%
CMY	1.0000, 0.7961, 0.5137
CMYK	1.00, 0.58, 0.00, 0.51
HSL	215°, 100%, 24%
HSV	215°, 100%, 49%
XYZ	4.8661, 3.9112, 19.5673
YIQ	44.6600, -54.1040, 11.3680

Conversions

Conversions Part 2

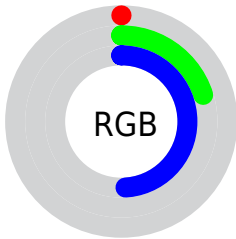
Format	Color
RYB	0, 37, 124
Decimal	13436
CIELab	23.38, 15.94, -44.97
CIELCh	23, 47.714, 289.512
Yxy	3.9112, 0.1717, 0.1380
Android (android.graphics.Color)	4278203516 (0xFF00347C)
YUV	44.6600, 39.1146, -39.1668
Hunter-Lab	19.7768, 9.3105, -44.8180

Details

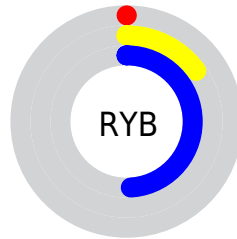
The Hex color **00347C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C4800**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4C62B1**, and **00084A** is the 20% darker color. If you saturate the color by 10%, you get **00347C**, and if you desaturate by 10%, it is **0C3B7C**.

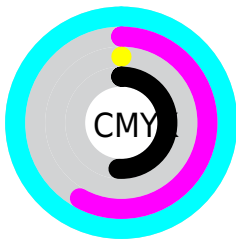
Distribution



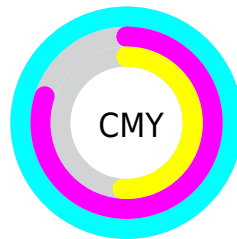
- Red (0%)
- Green (20%)
- Blue (49%)



- Red (0%)
- Yellow (15%)
- Blue (49%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00347C 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 00347C by changing the saturation by 10% instead.

■ 00347C

■ 00347C

FFFFFF

■ 001F63

■ 4C62B1

■ 00084A

■ 687ACD

■ 000433

■ 8494EA

■ 00021D

■ A0AFFE

■ 000000

■ BDCAFF

■ DAE6FF

■ F7FFFF

■ 00347C

■ 0C3B7C

■ 19427C

■ 254A7C

■ 32517C

■ 3E587C

■ 4A5F7C

■ 57667C

■ 636E7C

■ 70757C

Harmonies

Analogous

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



00407F



00347C



542067

Triad

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



00347C



681F00



004629

Complementary

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



00347C



7C4800

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.



004300



00347C



503200

Square

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



00347C



740422



303D00



00474F

Rectangle

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



00347C



690D51



303D00



00451D

Sweetspot

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



00347C



7085A1



007C46



344152



D1D1D1



525252

Same Dimension

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



00347C



0043A1



08007C



373A3D



00347D



006AFC

Inverse Universe

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



7C0034



A10043



747C00



3D373A



7D0034



FC006A

Previews

White Background



This preview shows how the Hex color 00347C looks on a white background.

Color Contrast Check

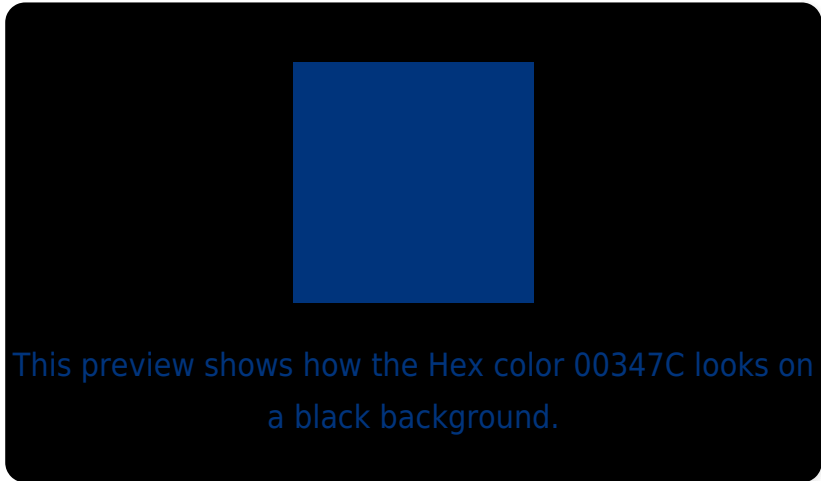
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

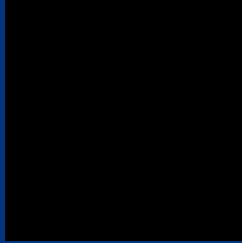
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 00347C Background



This preview shows how black text looks on a background with the Hex color 00347C.



This preview shows how white text looks on a background with the Hex color 00347C.

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
00347C

Protanopia
003673

Deuteranopia
003A63



Tritanopia
003F42

Trichromacy



Original Color
00347C

Protanomaly
003576

Deuteranomaly
00386C

Tritanomaly
003B57

Monochromacy



Original Color
00347C

Achromatopsia
2D2D2D

Achromatomaly
1D304A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00347C 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 #00347C looks like.

```
.text, #text, p{  
    color:#00347C  
}
```

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 #00347C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00347C
}
```

Border

The CSS property to change the border of an element to Hex 00347C is called "border". The border property can be set on classes, ids or directly on the HTML element.

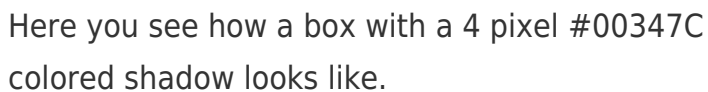
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00347C }
```

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

```
.border{ border-color:#00347C }
```

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



Here you see how a box with a 4 pixel #00347C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00347C; -webkit-box-shadow:4px 4px  
4px 4px #00347C; box-shadow:4px 4px 4px  
4px #00347C }
```

Background

The CSS property to change the background color of an element to Hex 00347C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00347C }
```

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

```
.background{ background-color:#00347C }
```

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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