

Converting Colors

Hex(02347A)

Have a look what the booklet for
Hex(02347A) contains.

Hex(02347A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(02347A)

Conversions

Conversions Part 1

Format	Color
Hex	02347A
RGB	2, 52, 122
RGB Percent	1%, 20%, 48%
CMY	0.9922, 0.7961, 0.5216
CMYK	0.98, 0.57, 0.00, 0.52
HSL	215°, 97%, 24%
HSV	215°, 98%, 48%
XYZ	4.7659, 3.8740, 18.9089
YIQ	45.0300, -52.2700, 11.1700

Conversions

Conversions Part 2

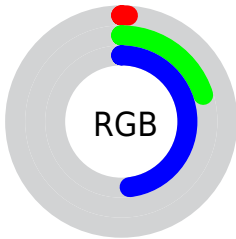
Format	Color
RYB	2, 37, 122
Decimal	144506
CIELab	23.25, 15.19, -43.91
CIELCh	23, 46.464, 289.086
Yxy	3.8740, 0.1730, 0.1406
Android (android.graphics.Color)	4278334586 (0xFF02347A)
YUV	45.0300, 37.9462, -37.7373
Hunter-Lab	19.6826, 8.7770, -43.1818

Details

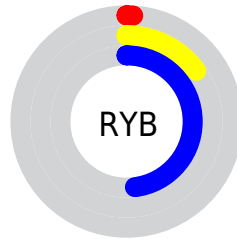
The Hex color **02347A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A4802**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4C62AF**, and **000848** is the 20% darker color. If you saturate the color by 10%, you get **00337A**, and if you desaturate by 10%, it is **0E3B7A**.

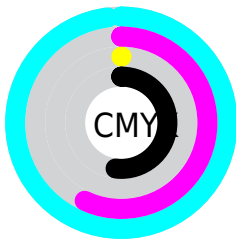
Distribution



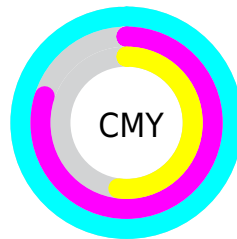
- Red (1%)
- Green (20%)
- Blue (48%)



- Red (1%)
- Yellow (15%)
- Blue (48%)



- Cyan (98%)
- Magenta (57%)
- Yellow (0%)
- Black (52%)



- Cyan (99%)
- Magenta (80%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02347A 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 02347A by changing the saturation by 10% instead.

■ 02347A

■ 02347A

FFFFFF

■ 001F61

■ 4C62AF

■ 000848

■ 687ACB

■ 000431

■ 8494E7

■ 00011B

■ A0AFFF

■ 000000

■ BCCAFF

■ D9E6FF

■ F7FFFF

■ 02347A

■ 02347A

■ 00337A

■ 0E3B7A

■ 1A427A

■ 27497A

■ 33507A

■ 3F587A

■ 4B5F7A

■ 57667A

■ 646D7A

■ 70747A

Harmonies

Analogous

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



00407C



02347A



532166

Triad

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



02347A



672000



004529

Complementary

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



02347A



7A4802

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.



004201



02347A



503100

Square

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



02347A



720723



313C00



00464D

Rectangle

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



02347A



671051



313C00



00451D

Sweetspot

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



02347A



6F829E



027A48



333E4F



CFCFCF



4F4F4F

Same Dimension

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



02347A



00429E



0C027A



373A3D



00347D



0069FC

Inverse Universe

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



7A0234



9E0042



707A02



3D373A



7D0034



FC0069

Previews

White Background



This preview shows how the Hex color 02347A 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

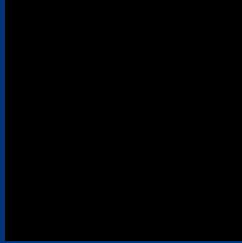
Any Text WCAG AA × Fail

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 02347A Background



This preview shows how black text looks on a background with the Hex color 02347A.



This preview shows how white text looks on a background with the Hex color 02347A.

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
02347A

Protanopia
003673

Deuteranopia
003A62



Tritanopia
003E42

Trichromacy



Original Color
02347A

Protanomaly
013576

Deuteranomaly
01386B

Tritanomaly
013A56

Monochromacy



Original Color
02347A

Achromatopsia
2D2D2D

Achromatomaly
1D3049

CSS Examples

Text

The CSS property to change the color of the text to Hex 02347A 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 #02347A looks like.

```
.text, #text, p{  
    color:#02347A  
}
```

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 #02347A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02347A
}
```

Border

The CSS property to change the border of an element to Hex 02347A 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
#02347A }
```

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

```
.border{ border-color:#02347A }
```

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

Here you see how a box with a 4 pixel #02347A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02347A; -webkit-box-shadow:4px 4px  
4px 4px #02347A; box-shadow:4px 4px 4px  
4px #02347A }
```

Background

The CSS property to change the background color of an element to Hex 02347A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02347A }
```

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

```
.background{ background-color:#02347A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor