

Converting Colors

Hex(03417A)

Have a look what the booklet for
Hex(03417A) contains.

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Color

Hex(03417A)

Conversions

Conversions Part 1

Format	Color
Hex	03417A
RGB	3, 65, 122
RGB Percent	1%, 25%, 48%
CMY	0.9882, 0.7451, 0.5216
CMYK	0.98, 0.47, 0.00, 0.52
HSL	209°, 95%, 25%
HSV	209°, 98%, 48%
XYZ	5.4407, 5.2051, 19.1303
YIQ	52.9600, -55.2490, 4.5830

Conversions

Conversions Part 2

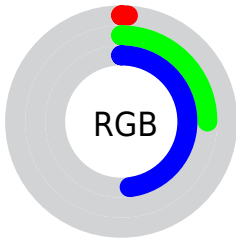
Format	Color
R_YB	3, 44, 122
Decimal	213370
CIE _{Lab}	27.31, 6.01, -37.34
CIE _{LCh}	27, 37.823, 279.144
Yxy	5.2051, 0.1827, 0.1748
Android (android.graphics.Color)	4278403450 (0xFF03417A)
YUV	52.9600, 34.0367, -43.8149
Hunter-Lab	22.8147, 2.6419, -33.7449

Details

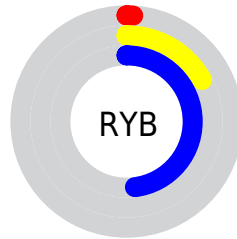
The Hex color **03417A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A3C03**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4B70AF**, and **001849** is the 20% darker color. If you saturate the color by 10%, you get **00407A**, and if you desaturate by 10%, it is **0F477A**.

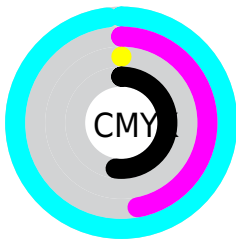
Distribution



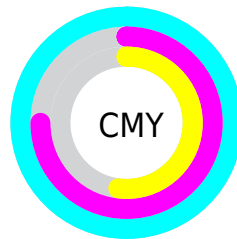
- Red (1%)
- Green (25%)
- Blue (48%)



- Red (1%)
- Yellow (17%)
- Blue (48%)



- Cyan (98%)
- Magenta (47%)
- Yellow (0%)
- Black (52%)



- Cyan (99%)
- Magenta (75%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03417A 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 03417A by changing the saturation by 10% instead.

03417A

03417A

FFFFFF

002B61

4B70AF

001849

678ACB

000432

83A4E7

00011C

9FBFFF

000000

BCDAFF

D8F7FF

F6FFFF

03417A

03417A

■ 00407A

■ 0F477A

■ 1B4D7A

■ 28537A

■ 34587A

■ 405E7A

■ 4C647A

■ 586A7A

■ 65707A

■ 71767A

Harmonies

Analogous

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



004977



03417A



4D356E

Triad

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



03417A



6F2B1D



004D2B

Complementary

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



03417A



7A3C03

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.



27490F



03417A



5F3805

Square

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



03417A



742339



464200



004E49

Rectangle

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



03417A



622C5F



464200



004C21

Sweetspot

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



03417A



70889E



037A3B



33424F



CFCFCF



4F4F4F

Same Dimension

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



03417A



00529E



03077A



373A3D



00417D



0084FC

Inverse Universe

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



7A0341



9E0052



7A7603



3D373A



7D0041



FC0084

Previews

White Background



This preview shows how the Hex color 03417A looks on a white background.

Color Contrast Check

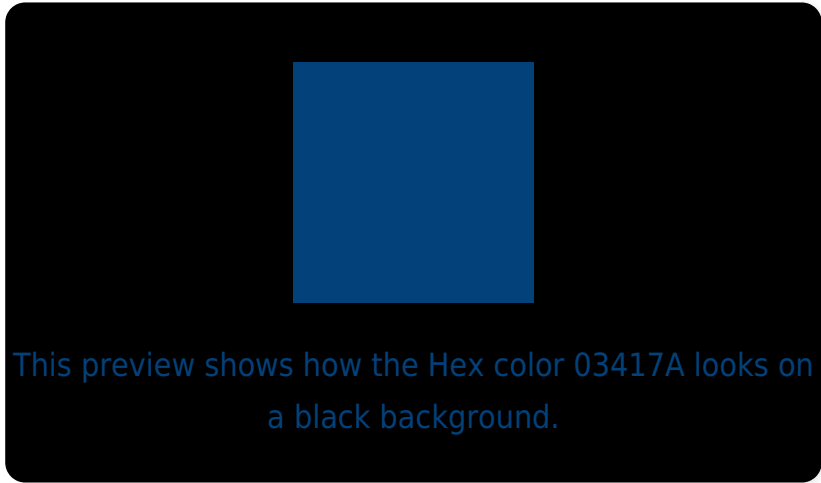
Large Text (above 18pt) WCAG AA ✓ Pass

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

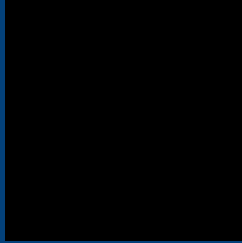
Any Text WCAG AA × Fail

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 03417A Background



This preview shows how black text looks on a background with the Hex color 03417A.




This preview shows how white text looks on a background with the Hex color 03417A.

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





Tritanopia
00484D

Trichromacy



Original Color
03417A

Protanomaly
184079

Deuteranomaly
014276

Tritanomaly
01455D

Monochromacy



Original Color
03417A

Achromatopsia
353535

Achromatomaly
23394E

CSS Examples

Text

The CSS property to change the color of the text to Hex 03417A 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 #03417A looks like.

```
.text, #text, p{  
    color:#03417A  
}
```

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 #03417A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03417A
}
```

Border

The CSS property to change the border of an element to Hex 03417A 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
#03417A }
```

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

```
.border{ border-color:#03417A }
```

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

Here you see how a box with a 4 pixel #03417A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03417A; -webkit-box-shadow:4px 4px  
4px 4px #03417A; box-shadow:4px 4px 4px  
4px #03417A }
```

Background

The CSS property to change the background color of an element to Hex 03417A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03417A }
```

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

```
.background{ background-color:#03417A }
```

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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