

Converting Colors

Hex(00307D)

Have a look what the booklet for
Hex(00307D) contains.

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Color

Hex(00307D)

Conversions

Conversions Part 1

Format	Color
Hex	00307D
RGB	0, 48, 125
RGB Percent	0%, 19%, 49%
CMY	1.0000, 0.8118, 0.5098
CMYK	1.00, 0.62, 0.00, 0.51
HSL	217°, 100%, 25%
HSV	217°, 100%, 49%
XYZ	4.7586, 3.5946, 19.8451
YIQ	42.4260, -53.3250, 13.7710

Conversions

Conversions Part 2

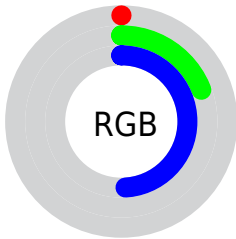
Format	Color
RYB	0, 35, 125
Decimal	12413
CIELab	22.28, 19.27, -47.39
CIELCh	22, 51.157, 292.127
Yxy	3.5946, 0.1688, 0.1275
Android (android.graphics.Color)	4278202493 (0xFF00307D)
YUV	42.4260, 40.7090, -37.2076
Hunter-Lab	18.9594, 11.6230, -48.7882

Details

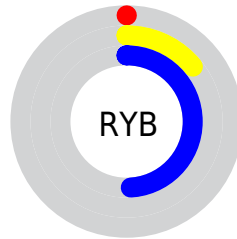
The Hex color **00307D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7D4D00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4C5DB2**, and **00024B** is the 20% darker color. If you saturate the color by 10%, you get **00307D**, and if you desaturate by 10%, it is **0C387D**.

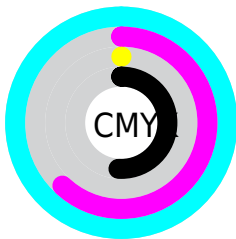
Distribution



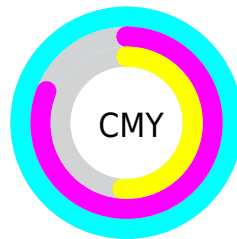
- Red (0%)
- Green (19%)
- Blue (49%)



- Red (0%)
- Yellow (14%)
- Blue (49%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00307D 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 00307D by changing the saturation by 10% instead.

■ 00307D

■ 00307D

FFFFFF

■ 001C64

■ 4C5DB2

■ 00024B

■ 6976CE

■ 000434

■ 858FEB

■ 00021D

■ A1A AFF

■ 000000

■ BEC5FF

■ DBE1FF

■ F8FEFF

■ 00307D

■ 0C387D

■ 193F7D

■ 26477D

■ 324F7D

■ 3F567D

■ 4B5E7D

■ 57667D

■ 646E7D

■ 71757D

Harmonies

Analogous

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



003D82



00307D



571765

Triad

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



00307D



651C00



00442A

Complementary

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



00307D



7D4D00

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.



004100



00307D



4B3000

Square

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



00307D



74001C



283C00



004551

Rectangle

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



00307D



6B004E



283C00



00431C

Sweetspot

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



00307D



7285A3



007D4B



344052



D1D1D1



525252

Same Dimension

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



00307D



003FA3



0C007D



393C40



003180



000000

Inverse Universe

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



7D0030



A3003F



717D00



40393C



800031



000000

Previews

White Background



This preview shows how the Hex color 00307D looks on a white background.

Color Contrast Check

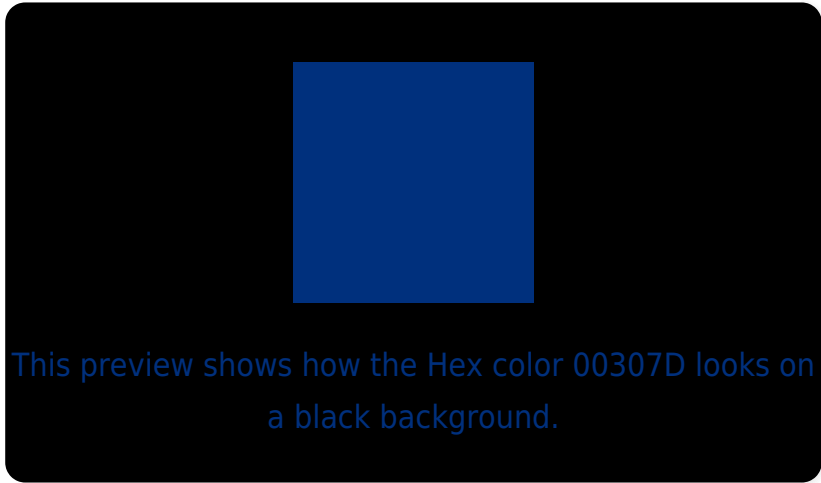
Large Text (above 18pt) WCAG AA ✓ Pass

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

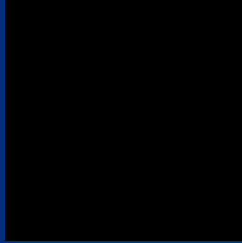
Any Text WCAG AA × Fail

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 00307D Background



This preview shows how black text looks on a background with the Hex color 00307D.



This preview shows how white text looks on a background with the Hex color 00307D.

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
00307D

Protanopia
00346E

Deuteranopia
00385E



Tritanopia
003C40

Trichromacy



Original Color
00307D

Protanomaly
003373

Deuteranomaly
003569

Tritanomaly
003856

Monochromacy



Original Color
00307D

Achromatopsia
2A2A2A

Achromatomaly
1B2C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 00307D 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 #00307D looks like.

```
.text, #text, p{  
    color:#00307D  
}
```

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 #00307D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00307D
}
```

Border

The CSS property to change the border of an element to Hex 00307D 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
#00307D }
```

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

```
.border{ border-color:#00307D }
```

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

Here you see how a box with a 4 pixel #00307D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00307D; -webkit-box-shadow:4px 4px  
4px 4px #00307D; box-shadow:4px 4px 4px  
4px #00307D }
```

Background

The CSS property to change the background color of an element to Hex 00307D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00307D }
```

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

```
.background{ background-color:#00307D }
```

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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