

Converting Colors

Hex(002376)

Have a look what the booklet for
Hex(002376) contains.

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Color

Hex(002376)

Conversions

Conversions Part 1

Format	Color
Hex	002376
RGB	0, 35, 118
RGB Percent	0%, 14%, 46%
CMY	1.0000, 0.8627, 0.5373
CMYK	1.00, 0.70, 0.00, 0.54
HSL	222°, 100%, 23%
HSV	222°, 100%, 46%
XYZ	3.8710, 2.5101, 17.4200
YIQ	33.9970, -47.5030, 18.3930

Conversions

Conversions Part 2

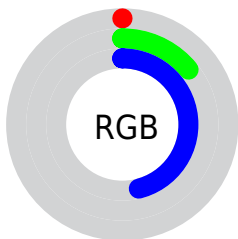
Format	Color
RYB	0, 27, 118
Decimal	9078
CIELab	17.96, 25.63, -50.02
CIELCh	18, 56.201, 297.134
Yxy	2.5101, 0.1626, 0.1055
Android (android.graphics.Color)	4278199158 (0xFF002376)
YUV	33.9970, 41.4135, -29.8154
Hunter-Lab	15.8432, 15.8882, -54.1006

Details

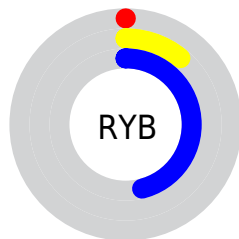
The Hex color **002376** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **765300**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4B4FAB**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **002376**, and if you desaturate by 10%, it is **0C2B76**.

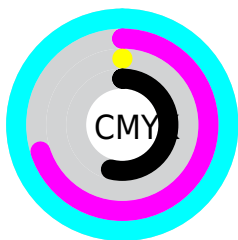
Distribution



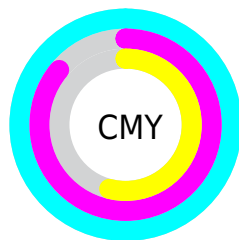
- Red (0%)
- Green (14%)
- Blue (46%)



- Red (0%)
- Yellow (11%)
- Blue (46%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002376 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 002376 by changing the saturation by 10% instead.

■ 002376

■ 002376

FFFFFF

■ 00105D

■ 4B4FAB

■ 000045

■ 6767C7

■ 00032D

■ 8380E3

■ 000118

■ A09AFF

■ 000000

■ BCB5FF

■ D9D1FF

■ F7EDFF

■ 002376

■ 0C2B76

■ 183476

■ 233C76

■ 2F4476

■ 3B4D76

■ 475576

■ 535D76

■ 5E6576

■ 6A6E76

Harmonies

Analogous

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



00347F



002376



560059

Triad

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



002376



581300



003B27

Complementary

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



002376



765300

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.



003800



002376



3B2900

Square

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



002376



6B0007



0F3400



003B50

Rectangle

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



002376



68003F



0F3400



003A18

Sweetspot

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



002376



6B7999



007653



31394D



CCCCCC



4D4D4D

Same Dimension

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



002376



002D99



180076



35373B



00247A



004AFA

Inverse Universe

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



760023



99002D



5E7600



3B3537



7A0024



FA004A

Previews

White Background



This preview shows how the Hex color 002376 looks on a white background.

Color Contrast Check

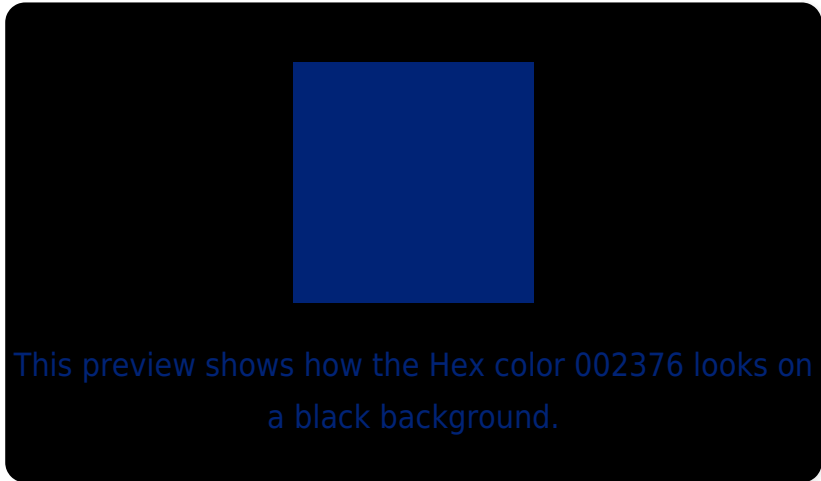
Large Text (above 18pt) WCAG AA ✓ Pass

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

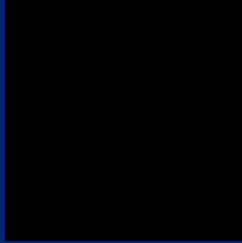
Any Text WCAG AA × Fail

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 002376 Background



This preview shows how black text looks on a background with the Hex color 002376.



This preview shows how white text looks on a background with the Hex color 002376.

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
002376

Protanopia
002C5C

Deuteranopia
002F4E

Trichromacy



Original Color
002376

Protanomaly
002965

Deuteranomaly
002B5D

Tritanomaly
002D4D

Monochromacy



Original Color
002376

Achromatopsia
222222

Achromatomaly
162241

CSS Examples

Text

The CSS property to change the color of the text to Hex 002376 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 #002376 looks like.

```
.text, #text, p{  
    color:#002376  
}
```

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 #002376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002376
}
```

Border

The CSS property to change the border of an element to Hex 002376 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
#002376 }
```

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

```
.border{ border-color:#002376 }
```

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

Here you see how a box with a 4 pixel #002376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002376; -webkit-box-shadow:4px 4px  
4px 4px #002376; box-shadow:4px 4px 4px  
4px #002376 }
```

Background

The CSS property to change the background color of an element to Hex 002376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002376 }
```

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

```
.background{ background-color:#002376 }
```

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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