

Converting Colors

Hex(002586)

Have a look what the booklet for
Hex(002586) contains.

Hex(002586)	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(002586)

Conversions

Conversions Part 1

Format	Color
Hex	002586
RGB	0, 37, 134
RGB Percent	0%, 15%, 53%
CMY	1.0000, 0.8549, 0.4745
CMYK	1.00, 0.72, 0.00, 0.47
HSL	223°, 100%, 26%
HSV	223°, 100%, 53%
XYZ	4.9646, 3.0444, 22.8802
YIQ	36.9950, -53.1890, 22.3230

Conversions

Conversions Part 2

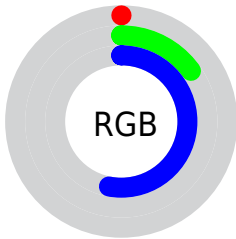
Format	Color
RYB	0, 29, 134
Decimal	9606
CIELab	20.22, 30.78, -56.45
CIELCh	20, 64.301, 298.601
Yxy	3.0444, 0.1607, 0.0986
Android (android.graphics.Color)	4278199686 (0xFF002586)
YUV	36.9950, 47.8235, -32.4446
Hunter-Lab	17.4481, 20.2558, -65.5350

Details

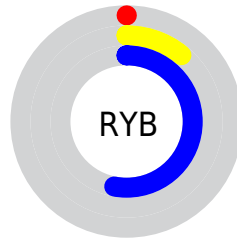
The Hex color **002586** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **866100**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5152BC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **002586**, and if you desaturate by 10%, it is **0D2F86**.

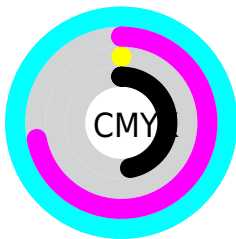
Distribution



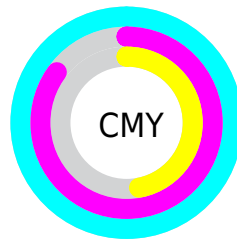
- Red (0%)
- Green (15%)
- Blue (53%)



- Red (0%)
- Yellow (11%)
- Blue (53%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (85%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002586 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 002586 by changing the saturation by 10% instead.

■ 002586

■ 002586

FFFFFF

■ 00116C

■ 5152BC

■ 000053

■ 6E6AD8

■ 00063B

■ 8B83F5

■ 000224

■ A89DFF

■ 00000C

■ C5B8FF

■ 000000

■ E2D4FF

■ FFF0FF

■ 002586

■ 0D2F86

■ 1B3886

■ 284286

■ 364C86

■ 435586

■ 505F86

■ 5E6986

■ 6B7386

■ 797C86

Harmonies

Analogous

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



003992



002586



630063

Triad

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



002586



621400



00412D

Complementary

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



002586



866100

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.



003F00



002586



3F2F00

Square

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



002586



780003



063A00



00425E

Rectangle

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



002586



770045



063A00



00411C

Sweetspot

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



002586



7988AD



008660



374057



D6D6D6



575757

Same Dimension

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



002586



0030AD



1D0086



3C3E42



002482



000103

Inverse Universe

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



860025



AD0030



698600



423C3E



820024



030001

Previews

White Background



This preview shows how the Hex color 002586 looks on a white background.

Color Contrast Check

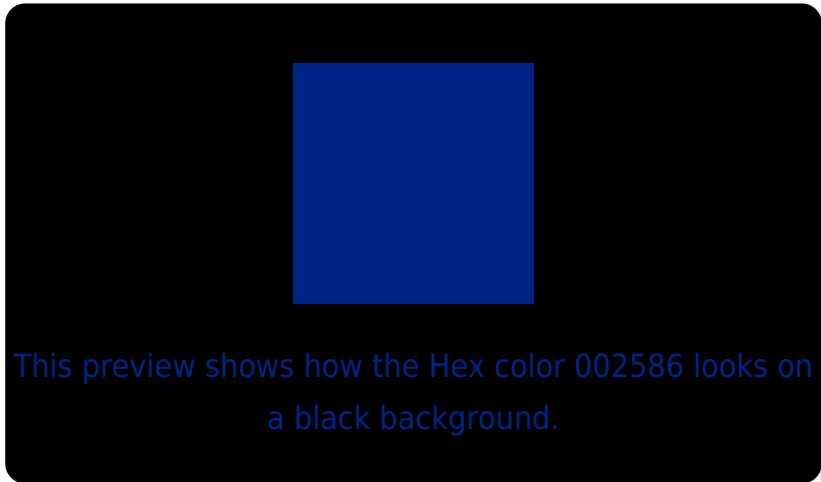
Large Text (above 18pt) WCAG AA ✓ Pass

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

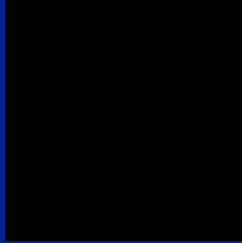
Any Text WCAG AA × Fail

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 002586 Background



This preview shows how black text looks on a background with the Hex color 002586.



This preview shows how white text looks on a background with the Hex color 002586.

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
002586

Protanopia
003065

Deuteranopia
003356



Tritanopia
00373A

Trichromacy



Original Color
002586

Protanomaly
002C71

Deuteranomaly
002E67

Tritanomaly
003056

Monochromacy



Original Color
002586

Achromatopsia
252525

Achromatomaly
182548

CSS Examples

Text

The CSS property to change the color of the text to Hex 002586 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 #002586 looks like.

```
.text, #text, p{  
    color:#002586  
}
```

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 #002586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002586
}
```

Border

The CSS property to change the border of an element to Hex 002586 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
#002586 }
```

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

```
.border{ border-color:#002586 }
```

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

Here you see how a box with a 4 pixel #002586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002586; -webkit-box-shadow:4px 4px  
4px 4px #002586; box-shadow:4px 4px 4px  
4px #002586 }
```

Background

The CSS property to change the background color of an element to Hex 002586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002586 }
```

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

```
.background{ background-color:#002586 }
```

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