

Converting Colors

Hex(002086)

Have a look what the booklet for
Hex(002086) contains.

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Color

Hex(002086)

Conversions

Conversions Part 1

Format	Color
Hex	002086
RGB	0, 32, 134
RGB Percent	0%, 13%, 53%
CMY	1.0000, 0.8745, 0.4745
CMYK	1.00, 0.76, 0.00, 0.47
HSL	226°, 100%, 26%
HSV	226°, 100%, 53%
XYZ	4.8196, 2.7543, 22.8319
YIQ	34.0600, -51.8140, 24.9380

Conversions

Conversions Part 2

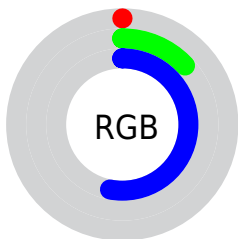
Format	Color
RYB	0, 26, 134
Decimal	8326
CIELab	19.03, 34.07, -58.42
CIELCh	19, 67.629, 300.249
Yxy	2.7543, 0.1585, 0.0906
Android (android.graphics.Color)	4278198406 (0xFF002086)
YUV	34.0600, 49.2704, -29.8706
Hunter-Lab	16.5959, 22.7948, -69.9510

Details

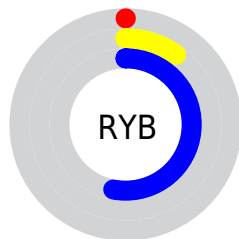
The Hex color **002086** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **866600**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **514DBC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **002086**, and if you desaturate by 10%, it is **0D2A86**.

Distribution



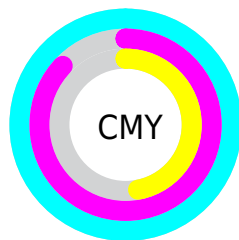
- Red (0%)
- Green (13%)
- Blue (53%)



- Red (0%)
- Yellow (10%)
- Blue (53%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002086 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 002086 by changing the saturation by 10% instead.

■ 002086

■ 002086

FFFFFF

■ 000C6C

■ 514DBC

■ 000053

■ 6F65D9

■ 00063B

■ 8C7EF5

■ 000224

■ A898FF

■ 00000C

■ C6B3FF

■ 000000

■ E3CEFF

■ FFEBFF

■ 002086

 0D2A86

 1B3486

 283F86

 364986

 435386

 505D86

 5E6786

 6B7286

 797C86

Harmonies

Analogous

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



003794



002086



640060

Triad

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



002086



5E1000



003F2D

Complementary

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



002086



866600

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.



003D00



002086



3A2D00

Square

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



002086



770000



003800



004060

Rectangle

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



002086



780041



003800



003E1C

Sweetspot

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



002086



7986AD



008665



373F57



D6D6D6



575757

Same Dimension

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



002086



0029AD



220086



3C3D42



001F82



000103

Inverse Universe

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



860020



AD0029



658600



423C3D



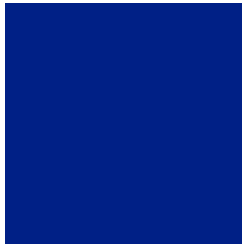
82001F



030001

Previews

White Background



This preview shows how the Hex color 002086 looks on a white background.

Color Contrast Check

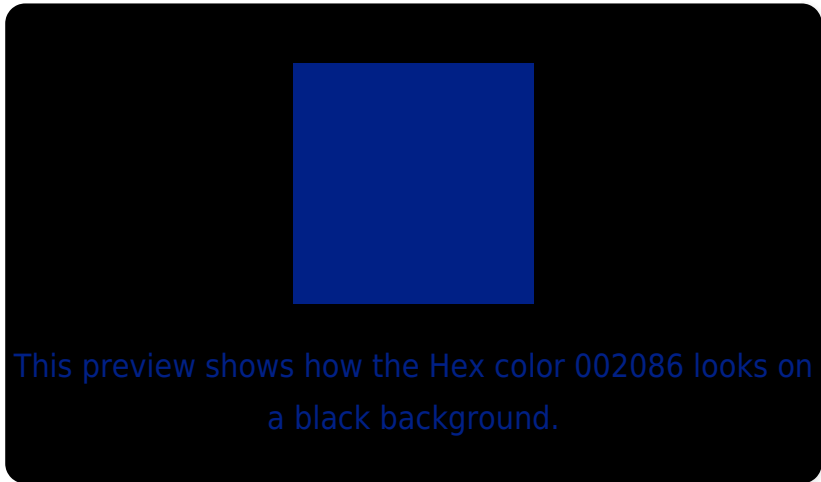
Large Text (above 18pt) WCAG AA ✓ Pass

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

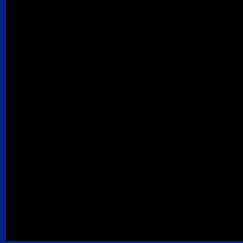
Any Text WCAG AA × Fail

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 002086 Background



This preview shows how black text looks on a background with the Hex color 002086.



This preview shows how white text looks on a background with the Hex color 002086.

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



Trichromacy



Original Color
002086

Protanomaly
00296E

Tritanomaly
002D54

Monochromacy



Original Color
002086

Achromatopsia
222222

Achromatomaly
162146

CSS Examples

Text

The CSS property to change the color of the text to Hex 002086 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 #002086 looks like.

```
.text, #text, p{  
    color:#002086  
}
```

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 #002086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002086
}
```

Border

The CSS property to change the border of an element to Hex 002086 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".

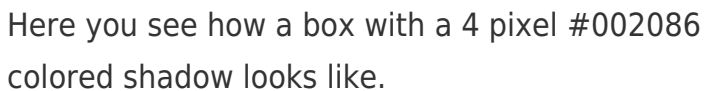
```
.border, #border, table{ border:4px solid
#002086 }
```

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

```
.border{ border-color:#002086 }
```

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

Here you see how a box with a 4 pixel #002086 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002086; -webkit-box-shadow:4px 4px  
4px 4px #002086; box-shadow:4px 4px 4px  
4px #002086 }
```

Background

The CSS property to change the background color of an element to Hex 002086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002086 }
```

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

```
.background{ background-color:#002086 }
```

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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