

Converting Colors

Hex(002688)

Have a look what the booklet for
Hex(002688) contains.

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Color

Hex(002688)

Conversions

Conversions Part 1

Format	Color
Hex	002688
RGB	0, 38, 136
RGB Percent	0%, 15%, 53%
CMY	1.0000, 0.8510, 0.4667
CMYK	1.00, 0.72, 0.00, 0.47
HSL	223°, 100%, 27%
HSV	223°, 100%, 53%
XYZ	5.1370, 3.1638, 23.6325
YIQ	37.8100, -54.1060, 22.4220

Conversions

Conversions Part 2

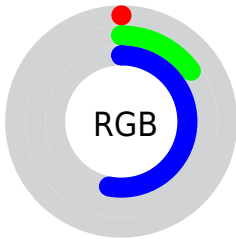
Format	Color
R_{YB}	0, 30, 136
Decimal	9864
CIE _{Lab}	20.69, 30.90, -56.94
CIE _{LCh}	21, 64.784, 298.492
Yxy	3.1638, 0.1609, 0.0991
Android (android.graphics.Color)	4278199944 (0xFF002688)
YUV	37.8100, 48.4077, -33.1594
Hunter-Lab	17.7871, 20.4248, -66.3236

Details

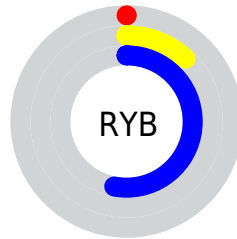
The Hex color **002688** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **886200**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5153BE**, and **000055** is the 20% darker color. If you saturate the color by 10%, you get **002688**, and if you desaturate by 10%, it is **0E3088**.

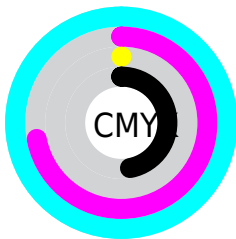
Distribution



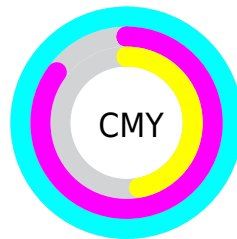
- Red (0%)
- Green (15%)
- Blue (53%)



- Red (0%)
- Yellow (12%)
- 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 002688 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 002688 by changing the saturation by 10% instead.

 002688

 002688

FFFFFF

 00126E

 5153BE

 000055

 6F6BDB

 00063D

 8B84F8

 000326

 A89FFF

 00010F

 C5BAFF

 000000

 E3D5FF

 FFF2FF

 002688

■ 0E3088

■ 1B3A88

■ 294388

■ 364D88

■ 445788

■ 526188

■ 5F6B88

■ 6D7488

■ 7A7E88

Harmonies

Analogous

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



003A94



002688



640065

Triad

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



002688



631400



00422E

Complementary

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



002688



886200

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.



004000



002688



403000

Square

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



002688



7A0004



073B00



00435F

Rectangle

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



002688



790046



073B00



00421D

Sweetspot

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



002688



7B8AB0



008861



394259



D9D9D9



595959

Same Dimension

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



002688



0031B0



1D0088



3E4045



002585



000105

Inverse Universe

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



880026



B00031



6B8800



453E40



850025



050001

Previews

White Background



This preview shows how the Hex color 002688 looks on a white background.

Color Contrast Check

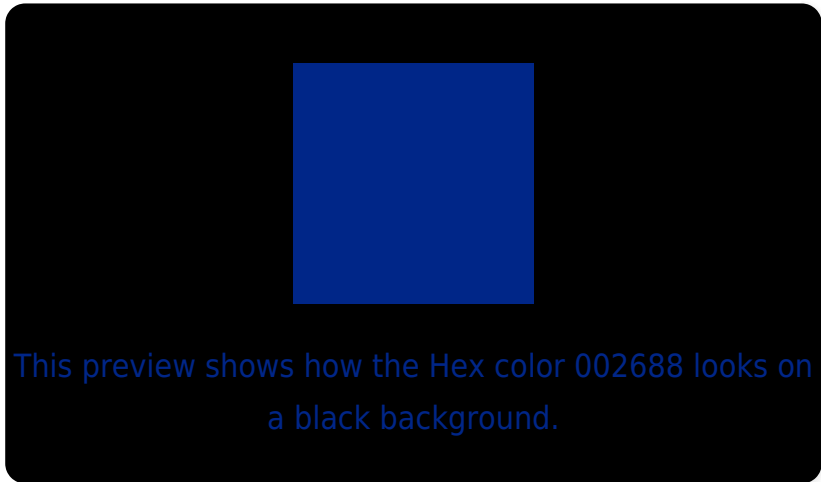
Large Text (above 18pt) WCAG AA ✓ Pass

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 002688 Background



This preview shows how black text looks on a background with the Hex color 002688.



This preview shows how white text looks on a background with the Hex color 002688.

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
002688

Protanopia
003167

Deuteranopia
003458



Tritanopia
00393B

Trichromacy



Original Color
002688

Protanomaly
002D73

Deuteranomaly
002F69

Tritanomaly
003257

Monochromacy



Original Color
002688

Achromatopsia
262626

Achromatomaly
18264A

CSS Examples

Text

The CSS property to change the color of the text to Hex 002688 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 #002688 looks like.

```
.text, #text, p{  
    color:#002688  
}
```

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 #002688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002688  
}
```

Border

The CSS property to change the border of an element to Hex 002688 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  
#002688 }
```

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

```
.border{ border-color:#002688 }
```

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

Here you see how a box with a 4 pixel #002688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002688; -webkit-box-shadow:4px 4px  
4px 4px #002688; box-shadow:4px 4px 4px  
4px #002688 }
```

Background

The CSS property to change the background color of an element to Hex 002688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002688 }
```

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

```
.background{ background-color:#002688 }
```

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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