

Converting Colors

Hex(002F90)

Have a look what the booklet for
Hex(002F90) contains.

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Color

Hex(002F90)

Conversions

Conversions Part 1

Format	Color
Hex	002F90
RGB	0, 47, 144
RGB Percent	0%, 18%, 56%
CMY	1.0000, 0.8157, 0.4353
CMYK	1.00, 0.67, 0.00, 0.44
HSL	220°, 100%, 28%
HSV	220°, 100%, 56%
XYZ	6.0506, 4.0466, 26.8477
YIQ	44.0050, -59.1490, 20.2030

Conversions

Conversions Part 2

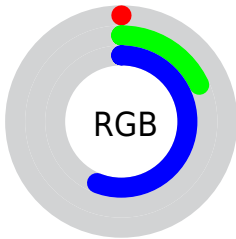
Format	Color
R_{YB}	0, 35, 144
Decimal	12176
CIE _{Lab}	23.83, 27.98, -56.75
CIE _{LCh}	24, 63.275, 296.248
Yxy	4.0466, 0.1638, 0.1095
Android (android.graphics.Color)	4278202256 (0xFF002F90)
YUV	44.0050, 49.2975, -38.5924
Hunter-Lab	20.1163, 18.4856, -65.0487

Details

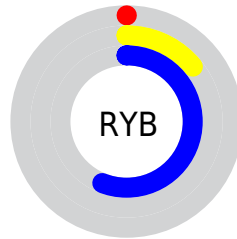
The Hex color **002F90** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **906100**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **535DC7**, and **00055C** is the 20% darker color. If you saturate the color by 10%, you get **002F90**, and if you desaturate by 10%, it is **0E3990**.

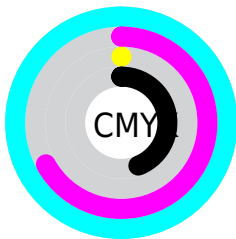
Distribution



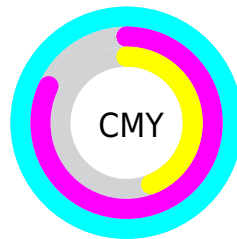
- Red (0%)
- Green (18%)
- Blue (56%)



- Red (0%)
- Yellow (14%)
- Blue (56%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002F90 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 002F90 by changing the saturation by 10% instead.

■ 002F90

■ 002F90

FFFFFF

■ 001B76

■ 535DC7

■ 00055C

■ 7175E3

■ 000644

■ 8E8FFF

■ 00032D

■ ABA9FF

■ 000117

■ C8C4FF

■ 000000

■ E6E0FF

■ FFFDFF

■ 002F90

■ 0E3990

■ 1D4290

■ 2B4C90

■ 3A5690

■ 486090

■ 566990

■ 657390

■ 737D90

■ 828690

Harmonies

Analogous

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



00429A



002F90



68006F

Triad

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



002F90



6E1B00



004A31

Complementary

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



002F90



906100

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.



004700



002F90



4C3500

Square

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



002F90



830013



1B4200



004B62

Rectangle

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



002F90



7E0051



1B4200



004920

Sweetspot

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



002F90



8295BA



009060



3C475E



DEDEDE



5E5E5E

Same Dimension

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



002F90



003DBA



180090



404347



002C87



000208

Inverse Universe

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



90002F



BA003D



789000



474043



87002C



080002

Previews

White Background



This preview shows how the Hex color 002F90 looks on a white background.

Color Contrast Check

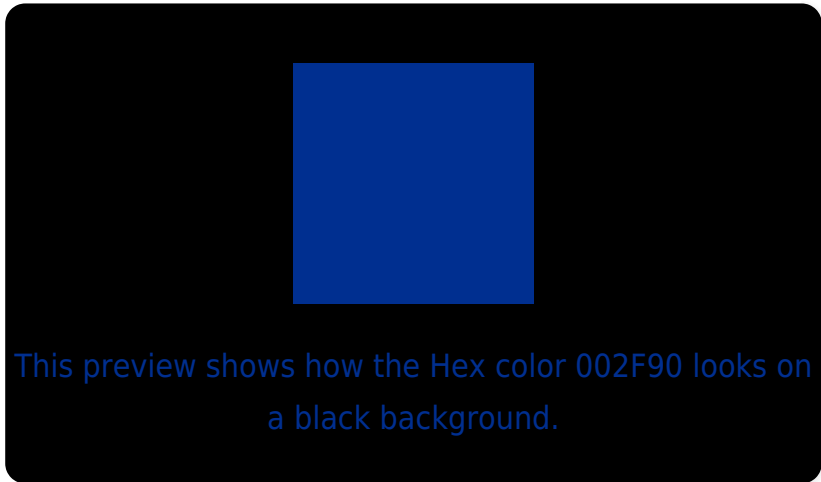
Large Text (above 18pt) WCAG AA ✓ Pass

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

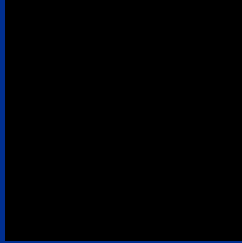
Any Text WCAG AA × Fail

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 002F90 Background



This preview shows how black text looks on a background with the Hex color 002F90.

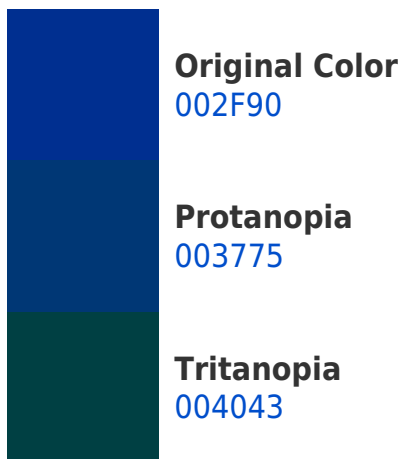


This preview shows how white text looks on a background with the Hex color 002F90.

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
002F90

Protanomaly
00347F

Tritanomaly
003A5F

Monochromacy



Original Color
002F90

Achromatopsia
2C2C2C

Achromatomaly
1C2D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F90 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 #002F90 looks like.

```
.text, #text, p{  
    color:#002F90  
}
```

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 #002F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F90
}
```

Border

The CSS property to change the border of an element to Hex 002F90 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
#002F90 }
```

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

```
.border{ border-color:#002F90 }
```

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

Here you see how a box with a 4 pixel #002F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F90; -webkit-box-shadow:4px 4px  
4px 4px #002F90; box-shadow:4px 4px 4px  
4px #002F90 }
```

Background

The CSS property to change the background color of an element to Hex 002F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F90 }
```

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

```
.background{ background-color:#002F90 }
```

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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