

# Converting Colors

Hex(002494)

Have a look what the booklet for  
Hex(002494) contains.

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# Color

**Hex(002494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	002494
RGB	0, 36, 148
RGB Percent	0%, 14%, 58%
CMY	1.0000, 0.8588, 0.4196
CMYK	1.00, 0.76, 0.00, 0.42
HSL	225°, 100%, 29%
HSV	225°, 100%, 58%
XYZ	5.9762, 3.3999, 28.3582
YIQ	38.0040, -57.4080, 27.2000

# Conversions

## Conversions Part 2

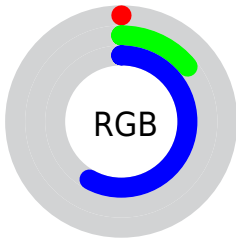
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 29, 148
Decimal	9364
CIE Lab	21.58, 36.84, -62.93
CIE LCh	22, 72.924, 300.347
Yxy	3.3999, 0.1584, 0.0901
Android (android.graphics.Color)	4278199444 (0xFF002494)
YUV	38.0040, 54.2280, -33.3295
Hunter-Lab	18.4387, 25.5858, -78.2791

# Details

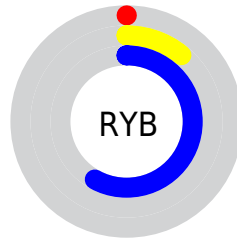
The Hex color **002494** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **947000**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5651CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **002494**, and if you desaturate by 10%, it is **0F2F94**.

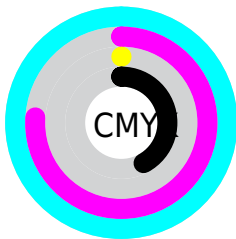
# Distribution



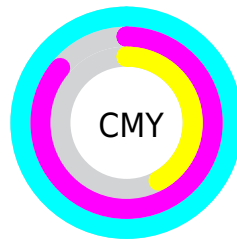
- Red (0%)
- Green (14%)
- Blue (58%)



- Red (0%)
- Yellow (11%)
- Blue (58%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (86%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 002494 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 002494 by changing the saturation by 10% instead.



■ 002494

■ 002494

FFFFFF

■ 001079

■ 5651CB

■ 000060

■ 746AE8

■ 000847

■ 9183FF

■ 000430

■ AF9DFF

■ 00011A

■ CCB8FF

■ 000000

■ EAD4FF

■ FFF1FF

■ 002494

■ 0F2F94

■ 1E3A94

■ 2C4694

■ 3B5194

■ 4A5C94

■ 596794

■ 687294

■ 767E94

■ 858994

# Harmonies

## Analogous

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



003DA4



002494



6F006A

# Triad

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



002494



681300



004633

# Complementary

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



002494



947000

# 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.



004300



002494



403300

# Square

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



002494



830000



003F00



00476A

# Rectangle

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



002494



840048



003F00



004520



# Sweetspot

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



002494



8694BF



00946F



3E4761



E0E0E0



616161



# Same Dimension

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



002494



002FBF



250094



43444A



00218A



00020A



# Inverse Universe

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



940024



BF002F



6F9400



4A4344



8A0021



0A0002



# Previews

## White Background



This preview shows how the Hex color 002494 looks on a white background.

## Color Contrast Check

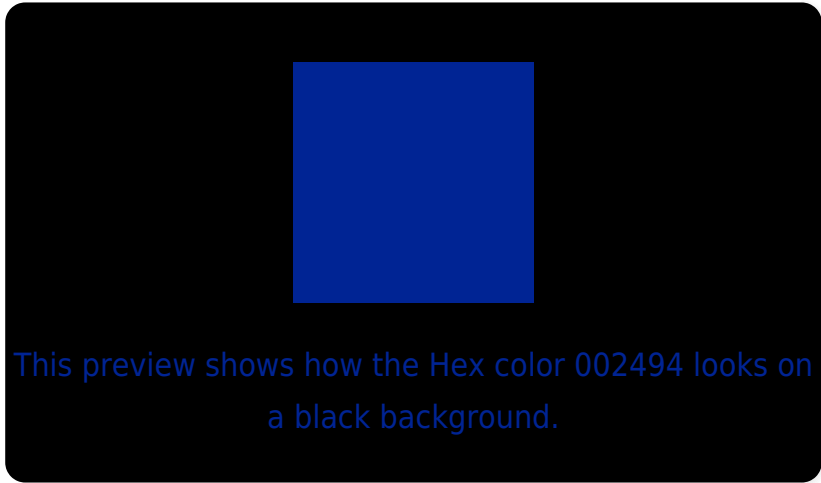
Large Text (above 18pt) WCAG AA ✓ Pass

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

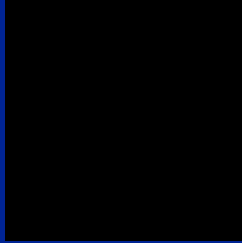
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 002494 Background



This preview shows how black text looks on a background with the Hex color 002494.



This preview shows how white text looks on a background with the Hex color 002494.

# 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**  
002494

**Protanopia**  
00336B

**Deuteranopia**  
00365B



**Tritanopia**  
003B3E

# Trichromacy



**Original Color**  
002494

**Protanomaly**  
002E7A

**Deuteranomaly**  
002F70

**Tritanomaly**  
00335D

# Monochromacy



**Original Color**  
002494

**Achromatopsia**  
262626

**Achromatomaly**  
18254E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 002494 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 #002494 looks like.

```
.text, #text, p{  
    color:#002494  
}
```

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 #002494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002494
}
```

## Border

The CSS property to change the border of an element to Hex 002494 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
#002494 }
```

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

```
.border{ border-color:#002494 }
```

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

Here you see how a box with a 4 pixel #002494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002494; -webkit-box-shadow:4px 4px  
4px 4px #002494; box-shadow:4px 4px 4px  
4px #002494 }
```

# Background

The CSS property to change the background color of an element to Hex 002494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002494 }
```

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

```
.background{ background-color:#002494 }
```

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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