

Converting Colors

Hex(002194)

Have a look what the booklet for
Hex(002194) contains.

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Color

Hex(002194)

Conversions

Conversions Part 1

Format	Color
Hex	002194
RGB	0, 33, 148
RGB Percent	0%, 13%, 58%
CMY	1.0000, 0.8706, 0.4196
CMYK	1.00, 0.78, 0.00, 0.42
HSL	227°, 100%, 29%
HSV	227°, 100%, 58%
XYZ	5.8892, 3.2258, 28.3292
YIQ	36.2430, -56.5830, 28.7690

Conversions

Conversions Part 2

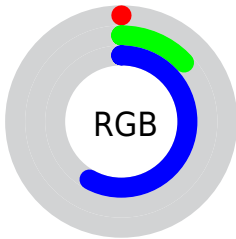
Format	Color
RYB	0, 27, 148
Decimal	8596
CIELab	20.93, 38.69, -64.01
CIELCh	21, 74.795, 301.147
Yxy	3.2258, 0.1573, 0.0862
Android (android.graphics.Color)	4278198676 (0xFF002194)
YUV	36.2430, 55.0962, -31.7851
Hunter-Lab	17.9606, 27.0978, -80.9456

Details

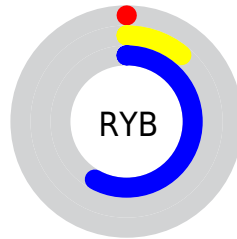
The Hex color **002194** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **947300**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **564ECB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **002194**, and if you desaturate by 10%, it is **0F2C94**.

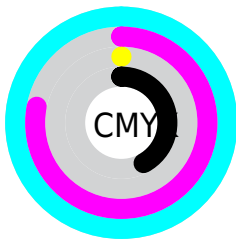
Distribution



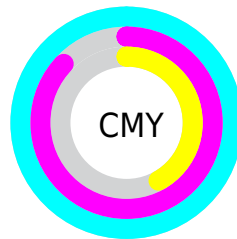
- Red (0%)
- Green (13%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (87%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002194 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 002194 by changing the saturation by 10% instead.

■ 002194

■ 002194

FFFFFF

■ 000C79

■ 564ECB

■ 000060

■ 7467E8

■ 000847

■ 9280FF

■ 000430

■ AF9AFF

■ 00011A

■ CDB5FF

■ 000000

■ EBD1FF

■ FFEDFF

■ 002194

■ 0F2C94

■ 1E3894

■ 2C4494

■ 3B4F94

■ 4A5A94

■ 596694

■ 687294

■ 767D94

■ 858994

Harmonies

Analogous

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



003CA5



002194



700069

Triad

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



002194



661100



004433

Complementary

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



002194



947300

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.



004200



002194



3D3200

Square

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



002194



820000



003E00



00456B

Rectangle

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



002194



850045



003E00



00441F

Sweetspot

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



002194



8693BF



009471



3E4661



E0E0E0



616161

Same Dimension

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



002194



002BBF



270094



43444A



001F8A



00020A

Inverse Universe

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



940021



BF002B



6D9400



4A4344



8A001F



0A0002

Previews

White Background



This preview shows how the Hex color 002194 looks on a white background.

Color Contrast Check

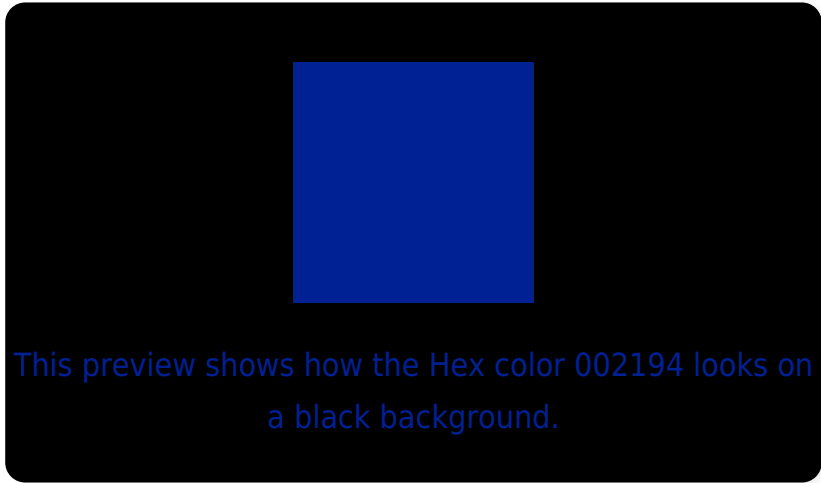
Large Text (above 18pt) WCAG AA ✓ Pass

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

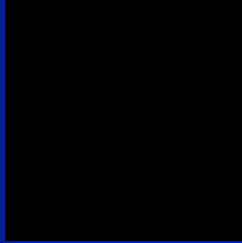
Any Text WCAG AA × Fail

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 002194 Background



This preview shows how black text looks on a background with the Hex color 002194.



This preview shows how white text looks on a background with the Hex color 002194.

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


002194

Protanopia

003269

Deuteranopia

003559



Tritanopia
00393C

Trichromacy



Original Color
002194

Protanomaly
002C79

Deuteranomaly
002E6E

Tritanomaly
00305C

Monochromacy



Original Color
002194

Achromatopsia
242424

Achromatomaly
17234D

CSS Examples

Text

The CSS property to change the color of the text to Hex 002194 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 #002194 looks like.

```
.text, #text, p{  
    color:#002194  
}
```

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 #002194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002194
}
```

Border

The CSS property to change the border of an element to Hex 002194 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
#002194 }
```

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

```
.border{ border-color:#002194 }
```

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

Here you see how a box with a 4 pixel #002194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002194; -webkit-box-shadow:4px 4px  
4px 4px #002194; box-shadow:4px 4px 4px  
4px #002194 }
```

Background

The CSS property to change the background color of an element to Hex 002194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002194 }
```

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

```
.background{ background-color:#002194 }
```

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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