

Converting Colors

Hex(004195)

Have a look what the booklet for
Hex(004195) contains.

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Color

Hex(004195)

Conversions

Conversions Part 1

Format	Color
Hex	004195
RGB	0, 65, 149
RGB Percent	0%, 25%, 58%
CMY	1.0000, 0.7451, 0.4157
CMYK	1.00, 0.56, 0.00, 0.42
HSL	214°, 100%, 29%
HSV	214°, 100%, 58%
XYZ	7.3151, 5.9505, 29.1968
YIQ	55.1410, -65.7040, 12.3440

Conversions

Conversions Part 2

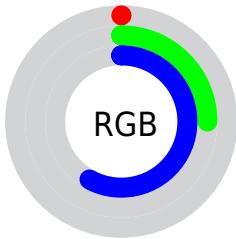
Format	Color
R _Y B	0, 45, 149
Decimal	16789
CIE Lab	29.29, 17.48, -50.89
CIE LCh	29, 53.806, 288.956
Yxy	5.9505, 0.1723, 0.1401
Android (android.graphics.Color)	4278206869 (0xFF004195)
YUV	55.1410, 46.2725, -48.3587
Hunter-Lab	24.3937, 10.8391, -53.8886

Details

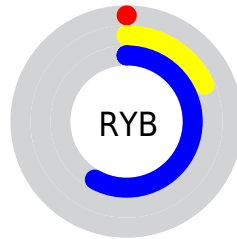
The Hex color **004195** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **955400**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5370CC**, and **001861** is the 20% darker color. If you saturate the color by 10%, you get **004195**, and if you desaturate by 10%, it is **0F4995**.

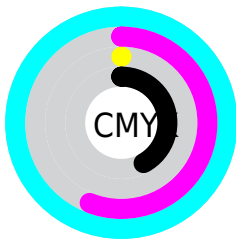
Distribution



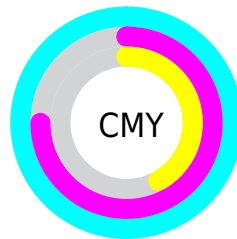
- Red (0%)
- Green (25%)
- Blue (58%)



- Red (0%)
- Yellow (18%)
- Blue (58%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004195 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 004195 by changing the saturation by 10% instead.

■ 004195

■ 004195

FFFFFF

■ 002C7B

■ 5370CC

■ 001861

■ 7189E8

■ 000049

■ 8EA3FF

■ 000431

■ ABBEFF

■ 00011B

■ C8DAFF

■ 000000

■ E6F7FF

■ 004195

■ 0F4995

■ 1E5295

■ 2D5A95

■ 3C6395

■ 4B6B95

■ 597395

■ 687C95

■ 778495

■ 868D95

Harmonies

Analogous

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



004F98



004195



662A7C

Triad

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



004195



7E2801



005634

Complementary

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



004195



955400

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.



005202



004195



623E00

Square

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



004195



8C0A2D



3D4B00



00575F

Rectangle

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



004195



7E1664



3D4B00



005525

Sweetspot

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



004195



88A1C2



009552



3E4D61



E0E0E0



616161

Same Dimension

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



004195



0055C2



070095



43464A



003C8A



00040A

Inverse Universe

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



950041



C20055



8E9500



4A4346



8A003C



0A0004

Previews

White Background



This preview shows how the Hex color 004195 looks on a white background.

Color Contrast Check

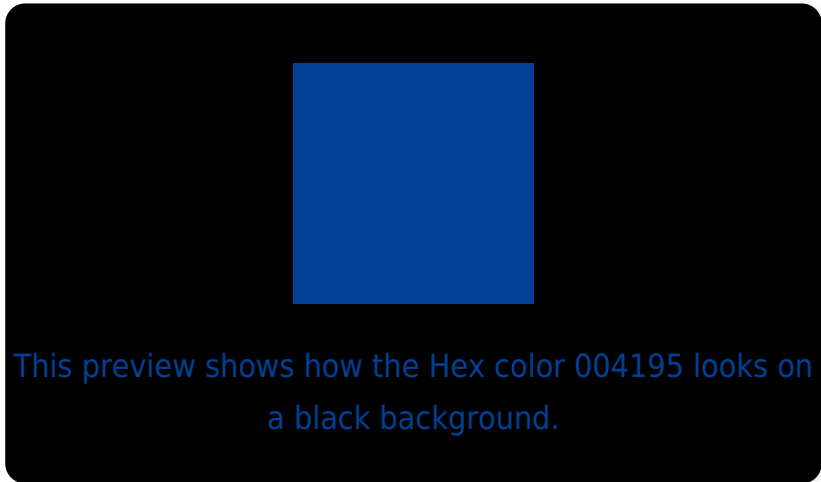
Large Text (above 18pt) WCAG AA ✓ Pass

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

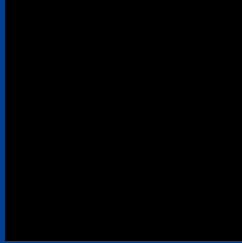
Any Text WCAG AA × Fail

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 004195 Background



This preview shows how black text looks on a background with the Hex color 004195.



This preview shows how white text looks on a background with the Hex color 004195.

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

004195

Protanopia

00438E

Deuteranopia

00477A

Trichromacy



Original Color
004195

Protanomaly
004291

Deuteranomaly
004584

Tritanomaly
00496A

Monochromacy



Original Color
004195

Achromatopsia
373737

Achromatomaly
233B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 004195 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 #004195 looks like.

```
.text, #text, p{  
    color:#004195  
}
```

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 #004195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004195
}
```

Border

The CSS property to change the border of an element to Hex 004195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

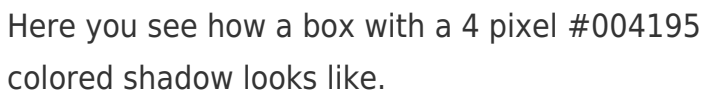
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004195 }
```

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

```
.border{ border-color:#004195 }
```

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



Here you see how a box with a 4 pixel #004195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004195; -webkit-box-shadow:4px 4px  
4px 4px #004195; box-shadow:4px 4px 4px  
4px #004195 }
```

Background

The CSS property to change the background color of an element to Hex 004195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004195 }
```

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

```
.background{ background-color:#004195 }
```

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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