

Converting Colors

Hex(004795)

Have a look what the booklet for
Hex(004795) contains.

Hex(004795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(004795)

Conversions

Conversions Part 1

Format	Color
Hex	004795
RGB	0, 71, 149
RGB Percent	0%, 28%, 58%
CMY	1.0000, 0.7216, 0.4157
CMYK	1.00, 0.52, 0.00, 0.42
HSL	211°, 100%, 29%
HSV	211°, 100%, 58%
XYZ	7.6781, 6.6764, 29.3178
YIQ	58.6630, -67.3540, 9.2060

Conversions

Conversions Part 2

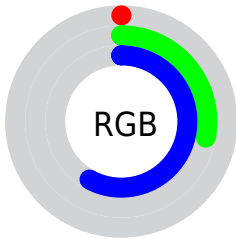
Format	Color
R_{YB}	0, 48, 149
Decimal	18325
CIE _{Lab}	31.06, 13.30, -48.01
CIE _{LCh}	31, 49.821, 285.488
Yxy	6.6764, 0.1758, 0.1529
Android (android.graphics.Color)	4278208405 (0xFF004795)
YUV	58.6630, 44.5361, -51.4475
Hunter-Lab	25.8387, 7.8240, -49.1859

Details

The Hex color **004795** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **954E00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5377CC**, and **001D61** is the 20% darker color. If you saturate the color by 10%, you get **004795**, and if you desaturate by 10%, it is **0F4F95**.

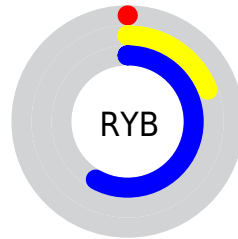
Distribution



Red (0%)

Green (28%)

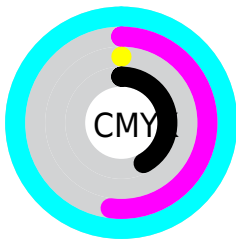
Blue (58%)



Red (0%)

Yellow (19%)

Blue (58%)

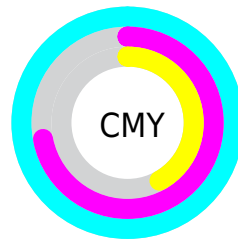


Cyan (100%)

Magenta (52%)

Yellow (0%)

Black (42%)



Cyan (100%)

Magenta (72%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004795 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 004795 by changing the saturation by 10% instead.

■ 004795

■ 004795

FFFFFF

■ 00317B

■ 5377CC

■ 001D61

■ 7190E8

■ 000249

■ 8DABFF

■ 000432

■ AAC6FF

■ 00011C

■ C8E2FF

■ 000000

■ E5FEFF

■ 004795

■ 0F4F95

■ 1E5795

■ 2D5E95

■ 3C6695

■ 4B6E95

■ 597695

■ 687E95

■ 778595

■ 868D95

Harmonies

Analogous

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



005395



004795



633480

Triad

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



004795



822D11



005934

Complementary

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



004795



954E00

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.



125508



004795



694000

Square

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



004795



8D1B37



474E00



005A5D

Rectangle

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



004795



7C256A



474E00



005827

Sweetspot

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



004795



88A3C2



00954D



3E4F61



E0E0E0



616161

Same Dimension

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



004795



005CC2



020095



43464A



00428A



00050A

Inverse Universe

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



950047



C2005C



939500



4A4346



8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 004795 looks on a white background.

Color Contrast Check

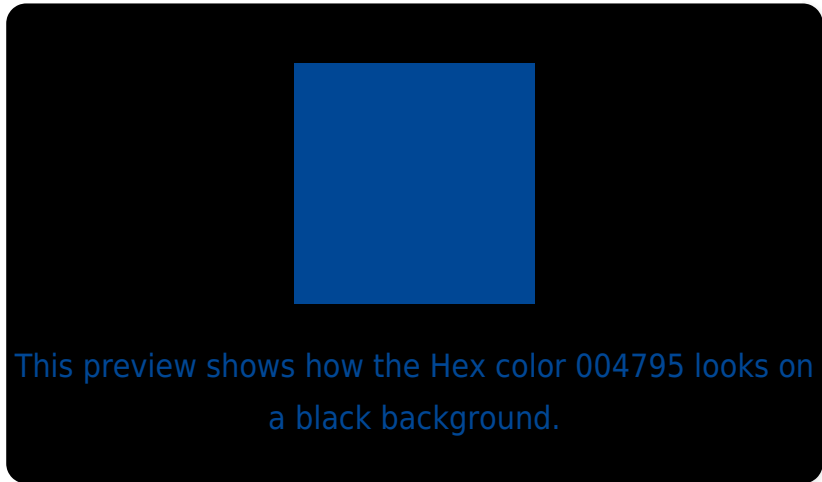
Large Text (above 18pt) WCAG AA ✓ Pass

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 004795 Background



This preview shows how black text looks on a background with the Hex color 004795.

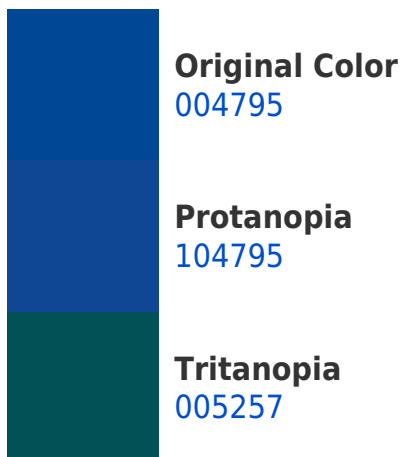


This preview shows how white text looks on a background with the Hex color 004795.

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
004795

Protanomaly
0A4795

Tritanomaly
004E6E

Monochromacy



Original Color
004795

Achromatopsia
3B3B3B

Achromatomaly
263F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004795 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 #004795 looks like.

```
.text, #text, p{  
    color:#004795  
}
```

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 #004795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004795
}
```

Border

The CSS property to change the border of an element to Hex 004795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

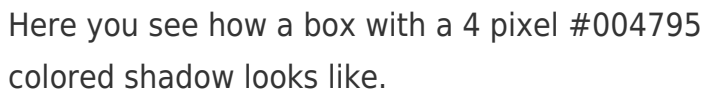
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004795 }
```

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

```
.border{ border-color:#004795 }
```

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



Here you see how a box with a 4 pixel #004795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004795; -webkit-box-shadow:4px 4px  
4px 4px #004795; box-shadow:4px 4px 4px  
4px #004795 }
```

Background

The CSS property to change the background color of an element to Hex 004795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004795 }
```

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

```
.background{ background-color:#004795 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor