

Converting Colors

Hex(004499)

Have a look what the booklet for
Hex(004499) contains.

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Color

Hex(004499)

Conversions

Conversions Part 1

Format	Color
Hex	004499
RGB	0, 68, 153
RGB Percent	0%, 27%, 60%
CMY	1.0000, 0.7333, 0.4000
CMYK	1.00, 0.56, 0.00, 0.40
HSL	213°, 100%, 30%
HSV	213°, 100%, 60%
XYZ	7.8169, 6.4342, 30.9669
YIQ	57.3580, -67.8130, 12.0190

Conversions

Conversions Part 2

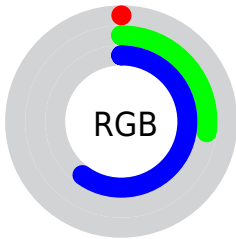
Format	Color
R_{YB}	0, 47, 153
Decimal	17561
CIE _{Lab}	30.48, 17.08, -51.38
CIE _{LCh}	30, 54.148, 288.390
Yxy	6.4342, 0.1729, 0.1423
Android (android.graphics.Color)	4278207641 (0xFF004499)
YUV	57.3580, 47.1515, -50.3030
Hunter-Lab	25.3656, 10.6182, -54.6266

Details

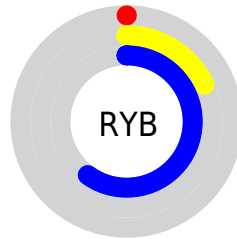
The Hex color **004499** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **995500**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5573D0**, and **001B65** is the 20% darker color. If you saturate the color by 10%, you get **004499**, and if you desaturate by 10%, it is **0F4D99**.

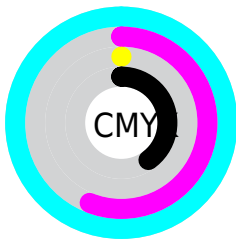
Distribution



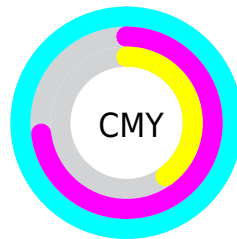
- Red (0%)
- Green (27%)
- Blue (60%)



- Red (0%)
- Yellow (18%)
- Blue (60%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (40%)




- Cyan (100%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004499 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 004499 by changing the saturation by 10% instead.

 004499

 004499

FFFFFF

 002E7F

 5573D0

 001B65

 728DED

 00004D

 8FA7FF

 000535

 ACC2FF

 00021F

 CADEFF

 000001

 E7FAFF

 000000

 004499

 0F4D99

■ 1F5599

■ 2E5E99

■ 3D6699

■ 4D6F99

■ 5C7799

■ 6B8099

■ 7A8899

■ 8A9199

Harmonies

Analogous

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



00529B



004499



682D81

Triad

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



004499



822B05



005935

Complementary

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



004499



995500

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.



005503



004499



664000

Square

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



004499



900E30



414E00



005A61

Rectangle

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



004499



811A68



414E00



005826

Sweetspot

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



004499



8BA6C7



009954



405063



E3E3E3



636363

Same Dimension

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



004499



0058C7



080099



45484D



003E8C



00060D

Inverse Universe

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



990044



C70058



919900



4D4548



8C003E



0D0006

Previews

White Background



This preview shows how the Hex color 004499 looks on a white background.

Color Contrast Check

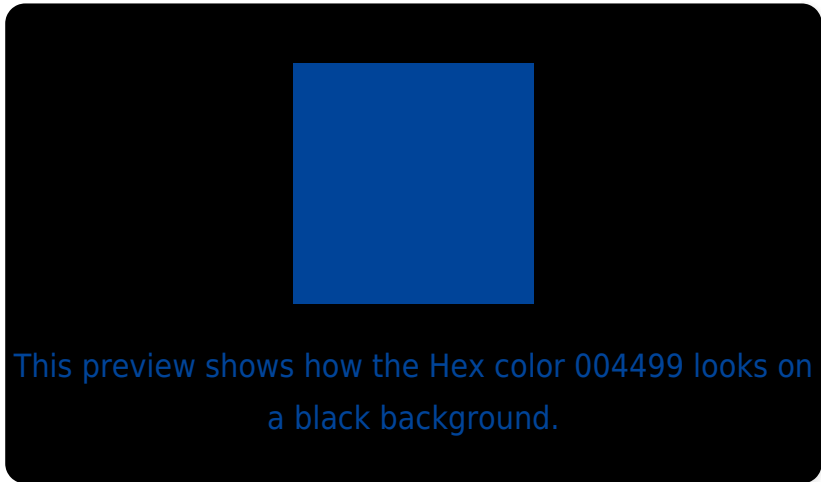
Large Text (above 18pt) WCAG AA ✓ Pass

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

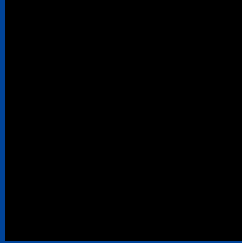
Any Text WCAG AA × Fail

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 004499 Background



This preview shows how black text looks on a background with the Hex color 004499.



This preview shows how white text looks on a background with the Hex color 004499.

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

004499

Protanopia

004594

Deuteranopia

004A7F

Trichromacy



Original Color
004499

Protanomaly
004596

Deuteranomaly
004888

Tritanomaly
004C6E

Monochromacy



Original Color
004499

Achromatopsia
393939

Achromatomaly
243D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004499 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 #004499 looks like.

```
.text, #text, p{  
    color:#004499  
}
```

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 #004499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004499
}
```

Border

The CSS property to change the border of an element to Hex 004499 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
#004499 }
```

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

```
.border{ border-color:#004499 }
```

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

Here you see how a box with a 4 pixel #004499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004499; -webkit-box-shadow:4px 4px  
4px 4px #004499; box-shadow:4px 4px 4px  
4px #004499 }
```

Background

The CSS property to change the background color of an element to Hex 004499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004499 }
```

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

```
.background{ background-color:#004499 }
```

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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