

Converting Colors

Hex(004A95)

Have a look what the booklet for
Hex(004A95) contains.

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Color

Hex(004A95)

Conversions

Conversions Part 1

Format	Color
Hex	004A95
RGB	0, 74, 149
RGB Percent	0%, 29%, 58%
CMY	1.0000, 0.7098, 0.4157
CMYK	1.00, 0.50, 0.00, 0.42
HSL	210°, 100%, 29%
HSV	210°, 100%, 58%
XYZ	7.8736, 7.0675, 29.3829
YIQ	60.4240, -68.1790, 7.6370

Conversions

Conversions Part 2

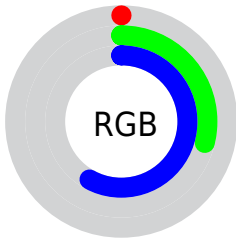
Format	Color
RYB	0, 49, 149
Decimal	19093
CIELab	31.96, 11.24, -46.55
CIElCh	32, 47.891, 283.572
Yxy	7.0675, 0.1776, 0.1595
Android (android.graphics.Color)	4278209173 (0xFF004A95)
YUV	60.4240, 43.6680, -52.9918
Hunter-Lab	26.5847, 6.3430, -46.9213

Details

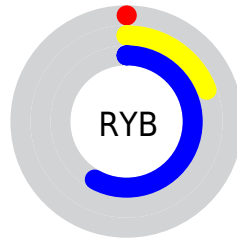
The Hex color **004A95** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **954B00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **537ACC**, and **002061** is the 20% darker color. If you saturate the color by 10%, you get **004A95**, and if you desaturate by 10%, it is **0F5195**.

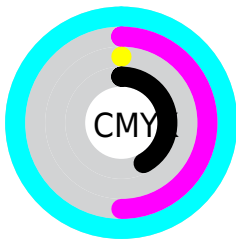
Distribution



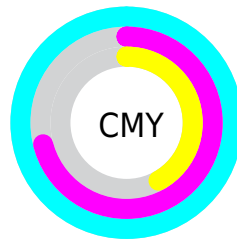
- Red (0%)
- Green (29%)
- Blue (58%)



- Red (0%)
- Yellow (19%)
- Blue (58%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (71%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004A95 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 004A95 by changing the saturation by 10% instead.

■ 004A95

■ 004A95

FFFFFF

■ 00347B

■ 537ACC

■ 002061

■ 7094E8

■ 000749

■ 8DAEFF

■ 000432

■ AAC9FF

■ 00011C

■ C7E5FF

■ 000000

■ E5FFFF

■ 004A95

■ 0F5195

■ 1E5995

■ 2D6095

■ 3C6895

■ 4B6F95

■ 597795

■ 687E95

■ 778695

■ 868E95

Harmonies

Analogous

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



005594



004A95



623882

Triad

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



004A95



843018



005B34

Complementary

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



004A95



954B00

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.



1E570C



004A95



6D4200

Square

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



004A95



8D213C



4C4F00



005C5C

Rectangle

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



004A95



7B2B6D



4C4F00



005A27

Sweetspot

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



004A95



88A5C2



00954B



3E4F61



E0E0E0



616161

Same Dimension

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



004A95



0060C2



000095



43464A



00448A



00050A

Inverse Universe

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



95004A



C20060



959500



4A4346



8A0044



0A0005

Previews

White Background



This preview shows how the Hex color 004A95 looks on a white background.

Color Contrast Check

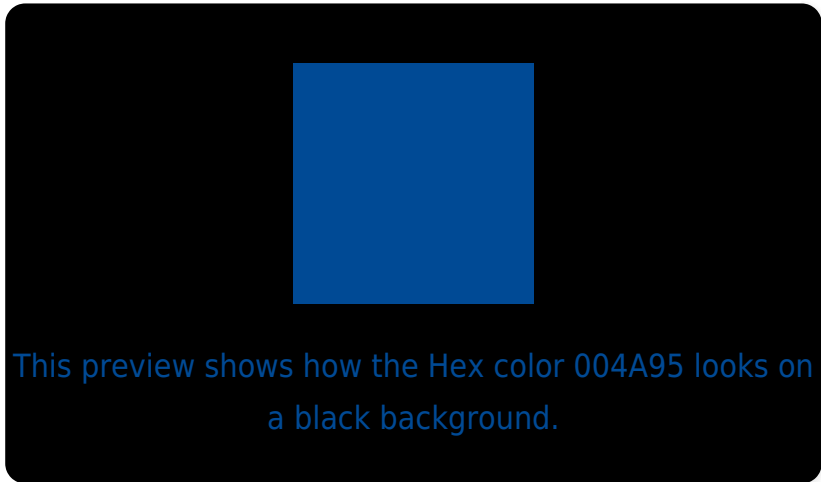
Large Text (above 18pt) WCAG AA ✓ Pass

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

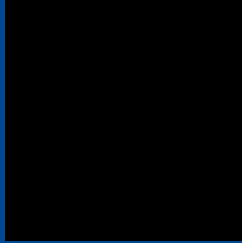
Any Text WCAG AA × Fail

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 004A95 Background



This preview shows how black text looks on a background with the Hex color 004A95.



This preview shows how white text looks on a background with the Hex color 004A95.

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
004A95

Protanomaly
124994

Deuteranomaly
004C8B

Tritanomaly
00506F

Monochromacy



Original Color
004A95

Achromatopsia
3C3C3C

Achromatomaly
26415C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004A95 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 #004A95 looks like.

```
.text, #text, p{  
    color:#004A95  
}
```

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 #004A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A95
}
```

Border

The CSS property to change the border of an element to Hex 004A95 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
#004A95 }
```

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

```
.border{ border-color:#004A95 }
```

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

Here you see how a box with a 4 pixel #004A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A95; -webkit-box-shadow:4px 4px  
4px 4px #004A95; box-shadow:4px 4px 4px  
4px #004A95 }
```

Background

The CSS property to change the background color of an element to Hex 004A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A95 }
```

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

```
.background{ background-color:#004A95 }
```

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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