

Converting Colors

Hex(004B94)

Have a look what the booklet for
Hex(004B94) contains.

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Color

Hex(004B94)

Conversions

Conversions Part 1

Format	Color
Hex	004B94
RGB	0, 75, 148
RGB Percent	0%, 29%, 58%
CMY	1.0000, 0.7059, 0.4196
CMYK	1.00, 0.49, 0.00, 0.42
HSL	210°, 100%, 29%
HSV	210°, 100%, 58%
XYZ	7.8614, 7.1703, 28.9866
YIQ	60.8970, -68.1330, 6.8030

Conversions

Conversions Part 2

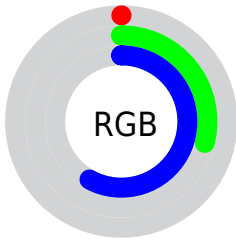
Format	Color
RYB	0, 50, 148
Decimal	19348
CIELab	32.19, 10.13, -45.57
CIELCh	32, 46.683, 282.530
Yxy	7.1703, 0.1786, 0.1629
Android (android.graphics.Color)	4278209428 (0xFF004B94)
YUV	60.8970, 42.9418, -53.4067
Hunter-Lab	26.7774, 5.5441, -45.4376

Details

The Hex color **004B94** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **944900**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **537BCB**, and **002160** is the 20% darker color. If you saturate the color by 10%, you get **004B94**, and if you desaturate by 10%, it is **0F5294**.

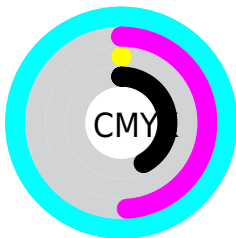
Distribution



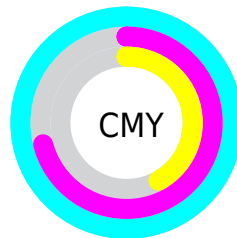
- Red (0%)
- Green (29%)
- Blue (58%)



- Red (0%)
- Yellow (20%)
- Blue (58%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004B94 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 004B94 by changing the saturation by 10% instead.

 004B94

 004B94

FFFFFF

 00357A

 537BCB

 002160

 7095E7

 000848

 8DAFFF

 000431

 AACBFF

 00011B

 C7E7FF

 000000

 E4FFFF

 004B94

 0F5294

■ 1E5A94

■ 2C6194

■ 3B6894

■ 4A7094

■ 597794

■ 687E94

■ 768594

■ 858D94

Harmonies

Analogous

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



005692



004B94



603A82

Triad

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



004B94



84311B



005B34

Complementary

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



004B94



944900

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.



23570E



004B94



6E4200

Square

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



004B94



8C233E



4E4F00



005C5B

Rectangle

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



004B94



7A2E6E



4E4F00



005A28

Sweetspot

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



004B94



86A3BF



009448



3E5061



E0E0E0



616161

Same Dimension

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



004B94



0061BF



000294



43464A



00468A



00050A

Inverse Universe

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



94004B



BF0061



949200



4A4346



8A0046



0A0005

Previews

White Background



This preview shows how the Hex color 004B94 looks on a white background.

Color Contrast Check

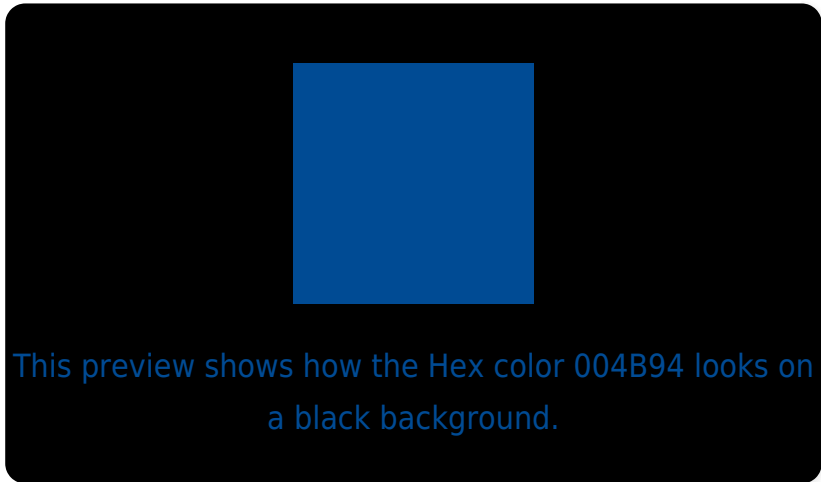
Large Text (above 18pt) WCAG AA ✓ Pass

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

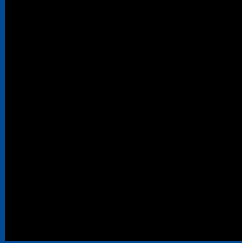
Any Text WCAG AA × Fail

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 004B94 Background



This preview shows how black text looks on a background with the Hex color 004B94.



This preview shows how white text looks on a background with the Hex color 004B94.

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





Tritanopia
00545A

Trichromacy



Original Color
004B94

Protanomaly
164A93

Deuteranomaly
004D8C

Tritanomaly
00516F

Monochromacy



Original Color
004B94

Achromatopsia
3D3D3D

Achromatomaly
27425D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B94 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 #004B94 looks like.

```
.text, #text, p{  
    color:#004B94  
}
```

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 #004B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B94
}
```

Border

The CSS property to change the border of an element to Hex 004B94 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
#004B94 }
```

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

```
.border{ border-color:#004B94 }
```

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

Here you see how a box with a 4 pixel #004B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B94; -webkit-box-shadow:4px 4px  
4px 4px #004B94; box-shadow:4px 4px 4px  
4px #004B94 }
```

Background

The CSS property to change the background color of an element to Hex 004B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B94 }
```

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

```
.background{ background-color:#004B94 }
```

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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