

Converting Colors

Hex(004B96)

Have a look what the booklet for
Hex(004B96) contains.

Hex(004B96)	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>	29

Color

Hex(004B96)

Conversions

Conversions Part 1

Format	Color
Hex	004B96
RGB	0, 75, 150
RGB Percent	0%, 29%, 59%
CMY	1.0000, 0.7059, 0.4118
CMYK	1.00, 0.50, 0.00, 0.41
HSL	210°, 100%, 29%
HSV	210°, 100%, 59%
XYZ	8.0211, 7.2342, 29.8277
YIQ	61.1250, -68.7750, 7.4250

Conversions

Conversions Part 2

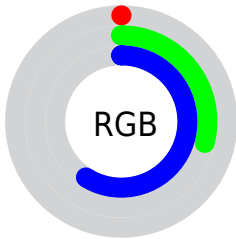
Format	Color
RYB	0, 50, 150
Decimal	19350
CIELab	32.33, 10.98, -46.56
CIELCh	32, 47.834, 283.268
Yxy	7.2342, 0.1779, 0.1605
Android (android.graphics.Color)	4278209430 (0xFF004B96)
YUV	61.1250, 43.8154, -53.6066
Hunter-Lab	26.8964, 6.1639, -46.9243

Details

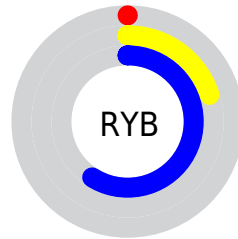
The Hex color **004B96** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **964B00**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **537BCD**, and **002162** is the 20% darker color. If you saturate the color by 10%, you get **004B96**, and if you desaturate by 10%, it is **0F5396**.

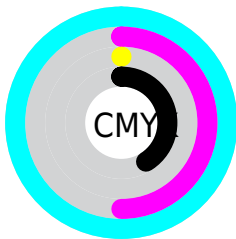
Distribution



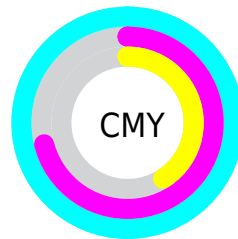
- Red (0%)
- Green (29%)
- Blue (59%)



- Red (0%)
- Yellow (20%)
- Blue (59%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (71%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B96 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 004B96 by changing the saturation by 10% instead.

 004B96


 004B96

FFFFFF

 00357C

 537BCD

 002162

 7195E9

 00084A

 8EAFFF

 000433

 ABCBFF

 00021D

 C8E7FF

 000000

 E5FFFF

 004B96

 0F5396

■ 1E5A96

■ 2D6296

■ 3C6996

■ 4B7196

■ 5A7896

■ 698096

■ 788796

■ 878F96

Harmonies

Analogous

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



005694



004B96



623A83

Triad

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



004B96



853119



005C35

Complementary

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



004B96



964B00

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.



20580D



004B96



6E4200

Square

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



004B96



8E223D



4D5000



005D5C

Rectangle

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



004B96



7C2C6F



4D5000



005B28

Sweetspot

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



004B96



88A5C2



00964B



3E4F61



E0E0E0



616161

Same Dimension

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



004B96



0061C2



000096



43464A



00458A



00050A

Inverse Universe

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



96004B



C20061



969600



4A4346



8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 004B96 looks on a white background.

Color Contrast Check

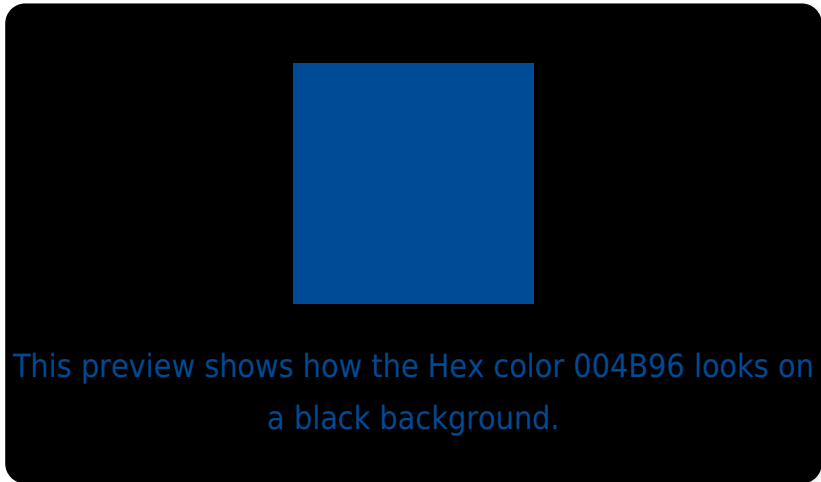
Large Text (above 18pt) WCAG AA ✓ Pass

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

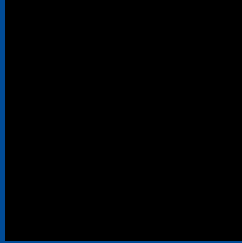
Any Text WCAG AA × Fail

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 004B96 Background



This preview shows how black text looks on a background with the Hex color 004B96.




This preview shows how white text looks on a background with the Hex color 004B96.

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
00555A

Trichromacy



Original Color
004B96

Protanomaly
144A95

Deuteranomaly
004D8D

Tritanomaly
005170

Monochromacy



Original Color
004B96

Achromatopsia
3D3D3D

Achromatomaly
27425D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B96 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 #004B96 looks like.

```
.text, #text, p{  
    color:#004B96  
}
```

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 #004B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B96
}
```

Border

The CSS property to change the border of an element to Hex 004B96 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
#004B96 }
```

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

```
.border{ border-color:#004B96 }
```

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

Here you see how a box with a 4 pixel #004B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B96; -webkit-box-shadow:4px 4px  
4px 4px #004B96; box-shadow:4px 4px 4px  
4px #004B96 }
```

Background

The CSS property to change the background color of an element to Hex 004B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B96 }
```

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

```
.background{ background-color:#004B96 }
```

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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