

Converting Colors

Hex(004691)

Have a look what the booklet for
Hex(004691) contains.

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Color

Hex(004691)

Conversions

Conversions Part 1

Format	Color
Hex	004691
RGB	0, 70, 145
RGB Percent	0%, 27%, 57%
CMY	1.0000, 0.7255, 0.4314
CMYK	1.00, 0.52, 0.00, 0.43
HSL	211°, 100%, 28%
HSV	211°, 100%, 57%
XYZ	7.3010, 6.4247, 27.6433
YIQ	57.6200, -65.7950, 8.4850

Conversions

Conversions Part 2

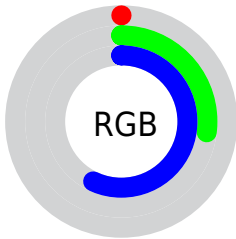
Format	Color
R _Y B	0, 47, 145
Decimal	18065
CIE Lab	30.46, 12.29, -46.54
CIE LCh	30, 48.133, 284.792
Yxy	6.4247, 0.1765, 0.1553
Android (android.graphics.Color)	4278208145 (0xFF004691)
YUV	57.6200, 43.0783, -50.5327
Hunter-Lab	25.3469, 7.0586, -46.9189

Details

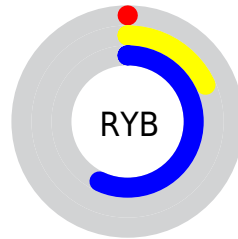
The Hex color **004691** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **914B00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5276C8**, and **001C5E** is the 20% darker color. If you saturate the color by 10%, you get **004691**, and if you desaturate by 10%, it is **0E4D91**.

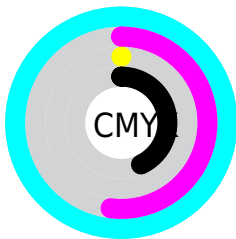
Distribution



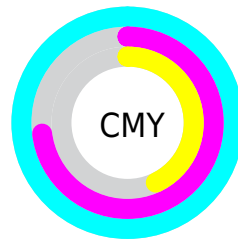
- Red (0%)
- Green (27%)
- Blue (57%)



- Red (0%)
- Yellow (18%)
- Blue (57%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (73%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004691 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 004691 by changing the saturation by 10% instead.

■ 004691

■ 004691

FFFFFF

■ 003077

■ 5276C8

■ 001C5E

■ 6F8FE4

■ 000046

■ 8CA9FF

■ 00042E

■ A9C4FF

■ 000119

■ C6E0FF

■ 000000

■ E3FDFF

■ 004691

■ 0E4D91

■ 1D5591

■ 2C5C91

■ 3A6491

■ 496B91

■ 577391

■ 667A91

■ 748291

■ 838A91

Harmonies

Analogous

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



005191



004691



60347E

Triad

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



004691



7F2D13



005733

Complementary

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



004691



914B00

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.



165309



004691



673F00

Square

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



004691



891C37



474C00



00585A

Rectangle

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



004691



782668



474C00



005626

Sweetspot

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



004691



849FBD



00914B



3C4D5E



DEDEDE



5E5E5E

Same Dimension

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



004691



005BBD



020091



404447



004187



000408

Inverse Universe

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



910046



BD005B



8F9100



474044



870041



080004

Previews

White Background



This preview shows how the Hex color 004691 looks on a white background.

Color Contrast Check

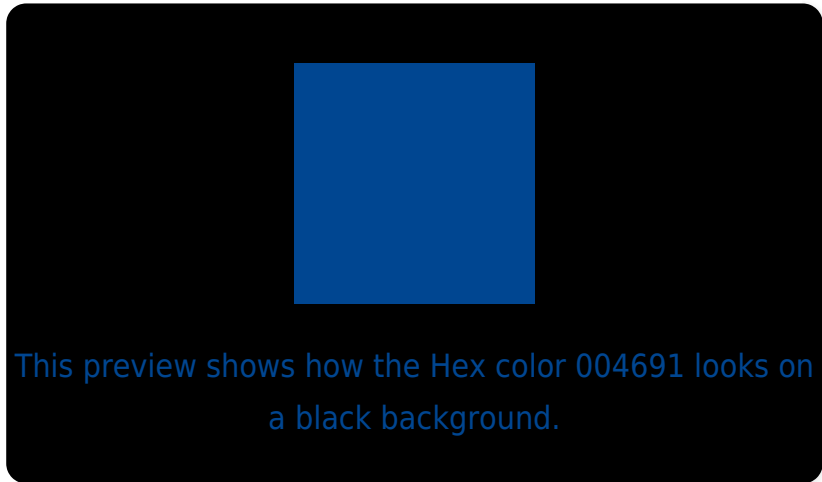
Large Text (above 18pt) WCAG AA ✓ Pass

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

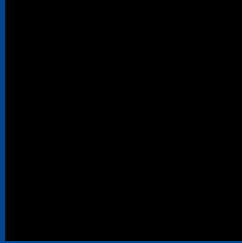
Any Text WCAG AA × Fail

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 004691 Background



This preview shows how black text looks on a background with the Hex color 004691.



This preview shows how white text looks on a background with the Hex color 004691.

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
004691

Protanomaly
0D4590

Deuteranomaly
004986

Tritanomaly
004C6B

Monochromacy



Original Color
004691

Achromatopsia
3A3A3A

Achromatomaly
253E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004691 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 #004691 looks like.

```
.text, #text, p{  
    color:#004691  
}
```

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 #004691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004691
}
```

Border

The CSS property to change the border of an element to Hex 004691 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".

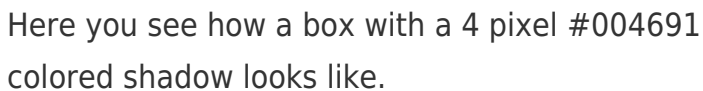
```
.border, #border, table{ border:4px solid
#004691 }
```

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

```
.border{ border-color:#004691 }
```

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

Here you see how a box with a 4 pixel #004691 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004691; -webkit-box-shadow:4px 4px  
4px 4px #004691; box-shadow:4px 4px 4px  
4px #004691 }
```

Background

The CSS property to change the background color of an element to Hex 004691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004691 }
```

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

```
.background{ background-color:#004691 }
```

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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