

Converting Colors

Hex(004396)

Have a look what the booklet for
Hex(004396) contains.

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Color

Hex(004396)

Conversions

Conversions Part 1

Format	Color
Hex	004396
RGB	0, 67, 150
RGB Percent	0%, 26%, 59%
CMY	1.0000, 0.7373, 0.4118
CMYK	1.00, 0.55, 0.00, 0.41
HSL	213°, 100%, 29%
HSV	213°, 100%, 59%
XYZ	7.5122, 6.2163, 29.6581
YIQ	56.4290, -66.5750, 11.6090

Conversions

Conversions Part 2

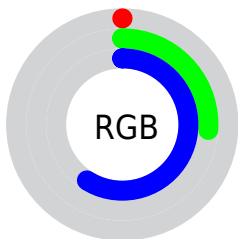
Format	Color
RYB	0, 46, 150
Decimal	17302
CIELab	29.95, 16.51, -50.42
CIELCh	30, 53.052, 288.128
Yxy	6.2163, 0.1731, 0.1433
Android (android.graphics.Color)	4278207382 (0xFF004396)
YUV	56.4290, 46.1305, -49.4882
Hunter-Lab	24.9325, 10.1501, -53.0747

Details

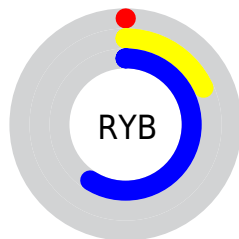
The Hex color **004396** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **965300**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5472CD**, and **001A62** is the 20% darker color. If you saturate the color by 10%, you get **004396**, and if you desaturate by 10%, it is **0F4B96**.

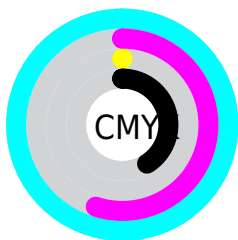
Distribution



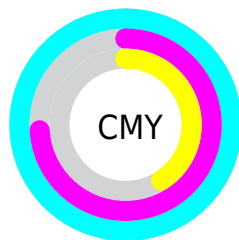
- Red (0%)
- Green (26%)
- Blue (59%)



- Red (0%)
- Yellow (18%)
- Blue (59%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (74%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004396 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 004396 by changing the saturation by 10% instead.

■ 004396

■ 004396

FFFFFF

■ 002D7C

■ 5472CD

■ 001A62

■ 718CE9

■ 00004A

■ 8EA6FF

■ 000432

■ ABC1FF

■ 00021C

■ C8DDFF

■ 000000

■ E6F9FF

■ 004396

■ 0F4B96

■ 1E5496

■ 2D5C96

■ 3C6496

■ 4B6D96

■ 5A7596

■ 697D96

■ 788596

■ 878E96

Harmonies

Analogous

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



005098



004396



662D7E

Triad

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



004396



7F2A06



005734

Complementary

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



004396



965300

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.



005404



004396



653F00

Square

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



004396



8D0F30



404C00



00585F

Rectangle

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



004396



7F1B66



404C00



005626

Sweetspot

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



004396



88A2C2



009652



3E4E61



E0E0E0



616161

Same Dimension

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



004396



0057C2



080096



43464A



003E8A



00050A

Inverse Universe

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



960043



C20057



8F9600



4A4346



8A003E



0A0005

Previews

White Background



This preview shows how the Hex color 004396 looks on a white background.

Color Contrast Check

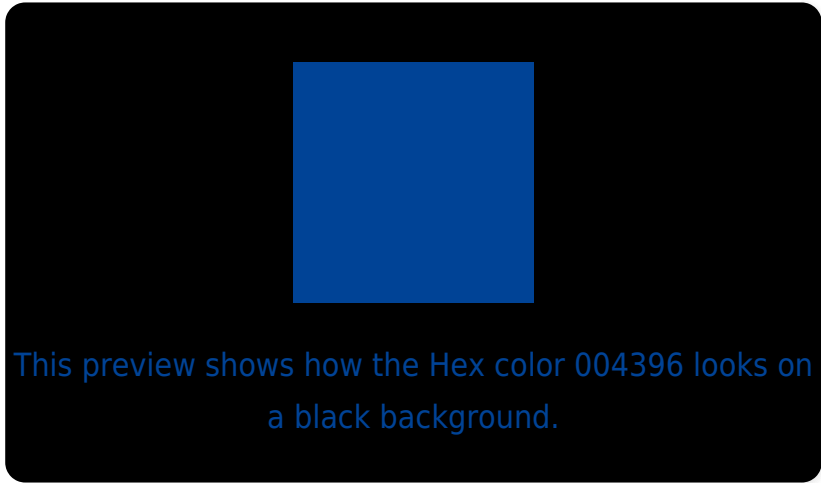
Large Text (above 18pt) WCAG AA ✓ Pass

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

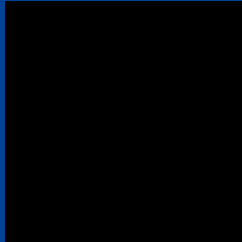
Any Text WCAG AA × Fail

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 004396 Background



This preview shows how black text looks on a background with the Hex color 004396.



This preview shows how white text looks on a background with the Hex color 004396.

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


004396

Protanopia

004491

Deuteranopia

00497D



Tritanopia
004F54

Trichromacy



Original Color
004396

Protanomaly
004493

Deuteranomaly
004786

Tritanomaly
004B6C

Monochromacy



Original Color
004396

Achromatopsia
383838

Achromatomaly
243C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004396 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 #004396 looks like.

```
.text, #text, p{  
    color:#004396  
}
```

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 #004396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004396
}
```

Border

The CSS property to change the border of an element to Hex 004396 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
#004396 }
```

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

```
.border{ border-color:#004396 }
```

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

Here you see how a box with a 4 pixel #004396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004396; -webkit-box-shadow:4px 4px  
4px 4px #004396; box-shadow:4px 4px 4px  
4px #004396 }
```

Background

The CSS property to change the background color of an element to Hex 004396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004396 }
```

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

```
.background{ background-color:#004396 }
```

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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