

Converting Colors

Hex(003584)

Have a look what the booklet for
Hex(003584) contains.

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Color

Hex(003584)

Conversions

Conversions Part 1

Format	Color
Hex	003584
RGB	0, 53, 132
RGB Percent	0%, 21%, 52%
CMY	1.0000, 0.7922, 0.4824
CMYK	1.00, 0.60, 0.00, 0.48
HSL	216°, 100%, 26%
HSV	216°, 100%, 52%
XYZ	5.4380, 4.2121, 22.3562
YIQ	46.1590, -56.9470, 13.3330

Conversions

Conversions Part 2

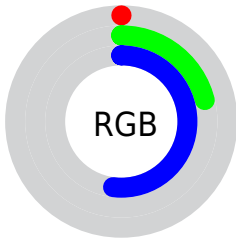
Format	Color
RYB	0, 38, 132
Decimal	13700
CIELab	24.36, 18.70, -48.40
CIElCh	24, 51.887, 291.120
Yxy	4.2121, 0.1699, 0.1316
Android (android.graphics.Color)	4278203780 (0xFF003584)
YUV	46.1590, 42.3196, -40.4814
Hunter-Lab	20.5235, 11.3796, -50.2180

Details

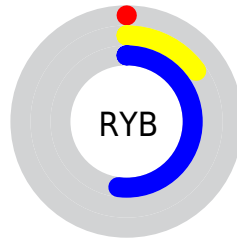
The Hex color **003584** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **844F00**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4F63BA**, and **000B51** is the 20% darker color. If you saturate the color by 10%, you get **003584**, and if you desaturate by 10%, it is **0D3D84**.

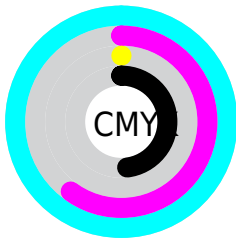
Distribution



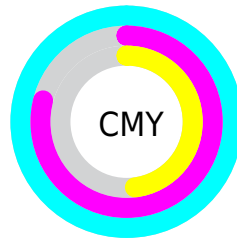
- Red (0%)
- Green (21%)
- Blue (52%)



- Red (0%)
- Yellow (15%)
- Blue (52%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (79%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003584 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 003584 by changing the saturation by 10% instead.

■ 003584

■ 003584

FFFFFF

■ 00206A

■ 4F63BA

■ 000B51

■ 6B7CD6

■ 00053A

■ 8895F3

■ 000223

■ A4B0FF

■ 00000A

■ C1CBFF

■ 000000

■ DEE7FF

■ FCFFFF

■ 003584

■ 0D3D84

■ 1A4584

■ 284D84

■ 355584

■ 425D84

■ 4F6484

■ 5C6C84

■ 6A7484

■ 777C84

Harmonies

Analogous

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



004388



003584



5B1D6C

Triad

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



003584



6D2000



00492D

Complementary

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



003584



844F00

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.



004600



003584



523400

Square

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



003584



7B0021



2E4000



004A55

Rectangle

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



003584



710354



2E4000



00481F

Sweetspot

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



003584



788CAB



00844D



374457



D6D6D6



575757

Same Dimension

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



003584



0045AB



0B0084



3C3E42



003482



000103

Inverse Universe

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



840035



AB0045



798400



423C3E



820034



030001

Previews

White Background



This preview shows how the Hex color 003584 looks on a white background.

Color Contrast Check

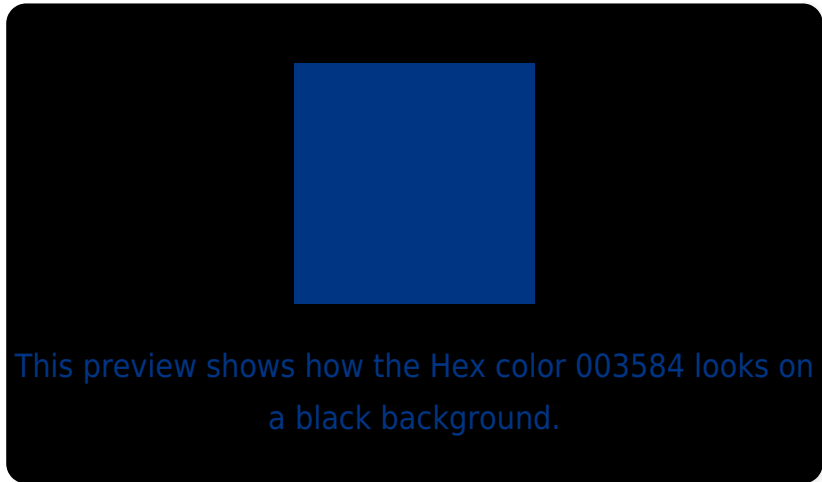
Large Text (above 18pt) WCAG AA ✓ Pass

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

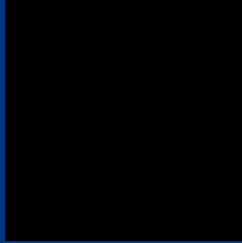
Any Text WCAG AA × Fail

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 003584 Background



This preview shows how black text looks on a background with the Hex color 003584.



This preview shows how white text looks on a background with the Hex color 003584.

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
003584

Protanopia
003878

Deuteranopia
003C66

Trichromacy



Original Color
003584

Protanomaly
00377C

Deuteranomaly
003971

Tritanomaly
003D5C

Monochromacy



Original Color
003584

Achromatopsia
2E2E2E

Achromatomaly
1D314D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003584 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 #003584 looks like.

```
.text, #text, p{  
    color:#003584  
}
```

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 #003584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003584
}
```

Border

The CSS property to change the border of an element to Hex 003584 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
#003584 }
```

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

```
.border{ border-color:#003584 }
```

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

Here you see how a box with a 4 pixel #003584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003584; -webkit-box-shadow:4px 4px  
4px 4px #003584; box-shadow:4px 4px 4px  
4px #003584 }
```

Background

The CSS property to change the background color of an element to Hex 003584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003584 }
```

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

```
.background{ background-color:#003584 }
```

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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