

Converting Colors

Hex(003F93)

Have a look what the booklet for
Hex(003F93) contains.

Hex(003F93)	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(003F93)

Conversions

Conversions Part 1

Format	Color
Hex	003F93
RGB	0, 63, 147
RGB Percent	0%, 25%, 58%
CMY	1.0000, 0.7529, 0.4235
CMYK	1.00, 0.57, 0.00, 0.42
HSL	214°, 100%, 29%
HSV	214°, 100%, 58%
XYZ	7.0440, 5.6616, 28.3253
YIQ	53.7390, -64.5120, 12.7680

Conversions

Conversions Part 2

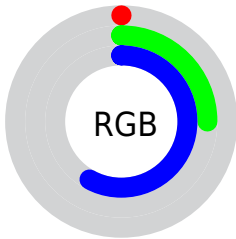
Format	Color
RYB	0, 44, 147
Decimal	16275
CIELab	28.54, 18.03, -50.88
CIELCh	29, 53.977, 289.513
Yxy	5.6616, 0.1717, 0.1380
Android (android.graphics.Color)	4278206355 (0xFF003F93)
YUV	53.7390, 45.9777, -47.1291
Hunter-Lab	23.7941, 11.2031, -53.9249

Details

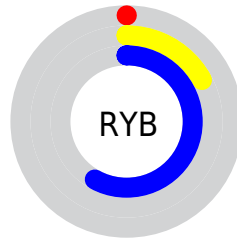
The Hex color **003F93** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **935400**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **536ECA**, and **00175F** is the 20% darker color. If you saturate the color by 10%, you get **003F93**, and if you desaturate by 10%, it is **0F4793**.

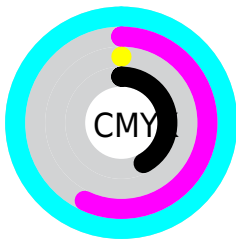
Distribution



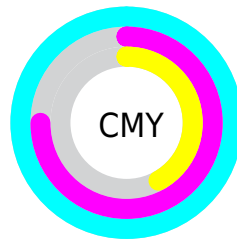
- Red (0%)
- Green (25%)
- Blue (58%)



- Red (0%)
- Yellow (17%)
- Blue (58%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F93 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 003F93 by changing the saturation by 10% instead.

 003F93

 003F93

FFFFFF

 002A79

 536ECA

 00175F

 7087E6

 000047

 8DA1FF

 000430

 AABCFF

 00011A

 C7D8FF

 000000

 E5F4FF

 003F93

 0F4793

■ 1D5093

■ 2C5893

■ 3B6193

■ 4A6993

■ 587193

■ 677A93

■ 768293

■ 848B93

Harmonies

Analogous

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



004D96



003F93



65287A

Triad

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



003F93



7B2700



005433

Complementary

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



003F93



935400

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.



005101



003F93



5F3C00

Square

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



003F93



8A062B



3A4900



00555E

Rectangle

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



003F93



7D1261



3A4900



005324

Sweetspot

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



003F93



869EBF



009353



3E4D61



E0E0E0



616161

Same Dimension

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



003F93



0052BF



0A0093



43464A



003B8A



00040A

Inverse Universe

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



93003F



BF0052



899300



4A4346



8A003B



0A0004

Previews

White Background



This preview shows how the Hex color 003F93 looks on a white background.

Color Contrast Check

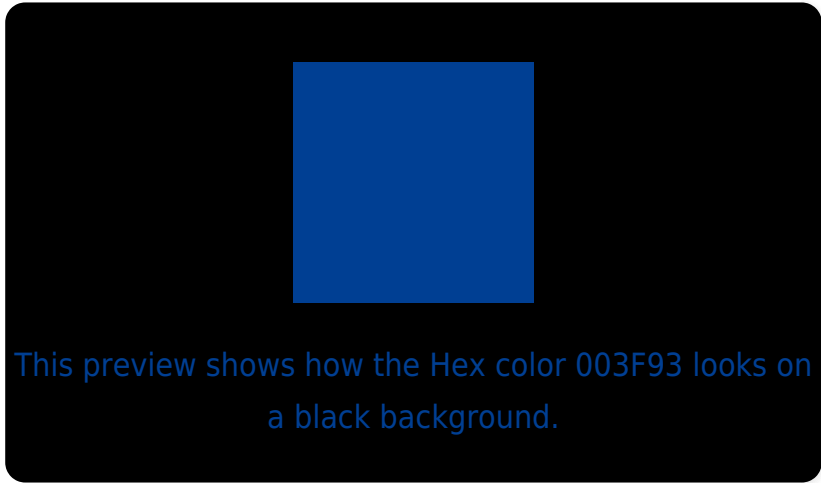
Large Text (above 18pt) WCAG AA ✓ Pass

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 003F93 Background



This preview shows how black text looks on a background with the Hex color 003F93.



This preview shows how white text looks on a background with the Hex color 003F93.

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
003F93

Protanopia
00418B

Deuteranopia
004677



Tritanopia
004B50

Trichromacy



Original Color
003F93

Protanomaly
00408E

Deuteranomaly
004381

Tritanomaly
004768

Monochromacy



Original Color
003F93

Achromatopsia
363636

Achromatomaly
223958

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F93 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 #003F93 looks like.

```
.text, #text, p{  
    color:#003F93  
}
```

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 #003F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F93
}
```

Border

The CSS property to change the border of an element to Hex 003F93 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
#003F93 }
```

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

```
.border{ border-color:#003F93 }
```

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

Here you see how a box with a 4 pixel #003F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F93; -webkit-box-shadow:4px 4px  
4px 4px #003F93; box-shadow:4px 4px 4px  
4px #003F93 }
```

Background

The CSS property to change the background color of an element to Hex 003F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F93 }
```

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

```
.background{ background-color:#003F93 }
```

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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