

Converting Colors

Hex(003E91)

Have a look what the booklet for
Hex(003E91) contains.

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Color

Hex(003E91)

Conversions

Conversions Part 1

Format	Color
Hex	003E91
RGB	0, 62, 145
RGB Percent	0%, 24%, 57%
CMY	1.0000, 0.7569, 0.4314
CMYK	1.00, 0.57, 0.00, 0.43
HSL	214°, 100%, 28%
HSV	214°, 100%, 57%
XYZ	6.8335, 5.4896, 27.4875
YIQ	52.9240, -63.5950, 12.6690

Conversions

Conversions Part 2

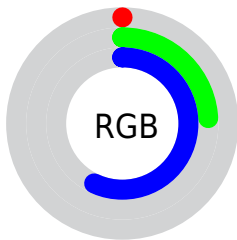
Format	Color
R_{YB}	0, 43, 145
Decimal	16017
CIE _{Lab}	28.09, 17.88, -50.39
CIE _{LCh}	28, 53.470, 289.536
Yxy	5.4896, 0.1716, 0.1379
Android (android.graphics.Color)	4278206097 (0xFF003E91)
YUV	52.9240, 45.3935, -46.4143
Hunter-Lab	23.4299, 11.0583, -53.1571

Details

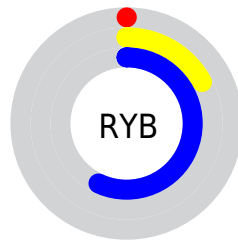
The Hex color **003E91** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **915300**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **526DC8**, and **00165D** is the 20% darker color. If you saturate the color by 10%, you get **003E91**, and if you desaturate by 10%, it is **0E4691**.

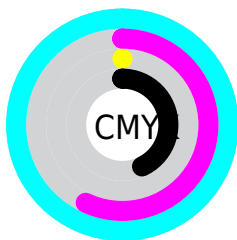
Distribution



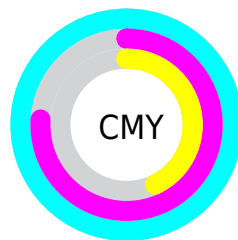
- Red (0%)
- Green (24%)
- Blue (57%)



- Red (0%)
- Yellow (17%)
- Blue (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (76%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003E91 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 003E91 by changing the saturation by 10% instead.

■ 003E91

■ 003E91

FFFFFF

■ 002977

■ 526DC8

■ 00165D

■ 7086E4

■ 000045

■ 8CA0FF

■ 00042E

■ A9BBFF

■ 000118

■ C6D6FF

■ 000000

■ E4F3FF

■ 003E91

■ 0E4691

■ 1D4F91

■ 2C5791

■ 3A5F91

■ 496891

■ 577091

■ 667891

■ 748091

■ 838991

Harmonies

Analogous

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



004C94



003E91



642778

Triad

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



003E91



792600



005332

Complementary

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



003E91



915300

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.



004F01



003E91



5E3B00

Square

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



003E91



88062A



394800



00545D

Rectangle

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



003E91



7B1160



394800



005223

Sweetspot

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



003E91



849CBD



009152



3C4B5E



DEDEDE



5E5E5E

Same Dimension

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



003E91



0051BD



0A0091



404347



003A87



000308

Inverse Universe

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



91003E



BD0051



879100



474043



87003A



080003

Previews

White Background



This preview shows how the Hex color 003E91 looks on a white background.

Color Contrast Check

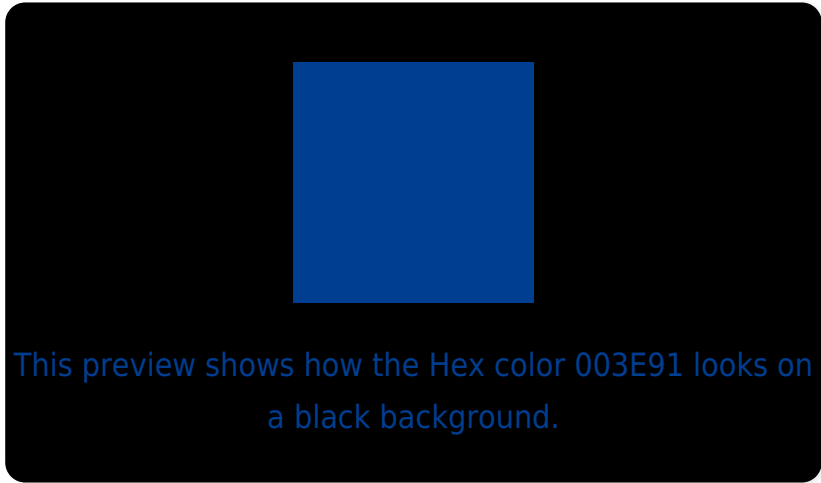
Large Text (above 18pt) WCAG AA ✓ Pass

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

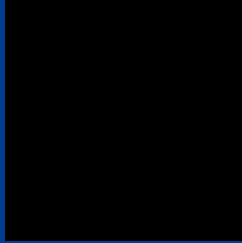
Any Text WCAG AA × Fail

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 003E91 Background



This preview shows how black text looks on a background with the Hex color 003E91.



This preview shows how white text looks on a background with the Hex color 003E91.

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

003E91

Protanopia

004088

Deuteranopia

004475

Trichromacy



Original Color
003E91

Protanomaly
003F8B

Deuteranomaly
00427F

Monochromacy



Original Color
003E91

Achromatopsia
353535

Achromatomaly
223856

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E91 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 #003E91 looks like.

```
.text, #text, p{  
    color:#003E91  
}
```

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 #003E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E91
}
```

Border

The CSS property to change the border of an element to Hex 003E91 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
#003E91 }
```

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

```
.border{ border-color:#003E91 }
```

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

Here you see how a box with a 4 pixel #003E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E91; -webkit-box-shadow:4px 4px  
4px 4px #003E91; box-shadow:4px 4px 4px  
4px #003E91 }
```

Background

The CSS property to change the background color of an element to Hex 003E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E91 }
```

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

```
.background{ background-color:#003E91 }
```

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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