

Converting Colors

Hex(003E98)

Have a look what the booklet for
Hex(003E98) contains.

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Color

Hex(003E98)

Conversions

Conversions Part 1

Format	Color
Hex	003E98
RGB	0, 62, 152
RGB Percent	0%, 24%, 60%
CMY	1.0000, 0.7569, 0.4039
CMYK	1.00, 0.59, 0.00, 0.40
HSL	216°, 100%, 30%
HSV	216°, 100%, 60%
XYZ	7.3901, 5.7122, 30.4188
YIQ	53.7220, -65.8420, 14.8460

Conversions

Conversions Part 2

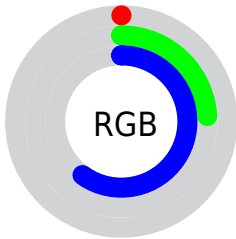
Format	Color
RYB	0, 44, 152
Decimal	16024
CIELab	28.67, 20.84, -53.72
CIELCh	29, 57.622, 291.207
Yxy	5.7122, 0.1698, 0.1313
Android (android.graphics.Color)	4278206104 (0xFF003E98)
YUV	53.7220, 48.4511, -47.1142
Hunter-Lab	23.9003, 13.3677, -58.7304

Details

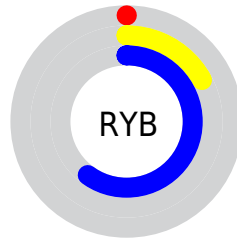
The Hex color **003E98** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **985A00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **556DCF**, and **001664** is the 20% darker color. If you saturate the color by 10%, you get **003E98**, and if you desaturate by 10%, it is **0F4798**.

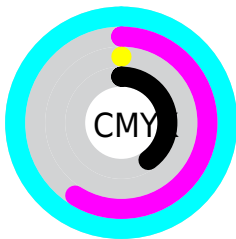
Distribution



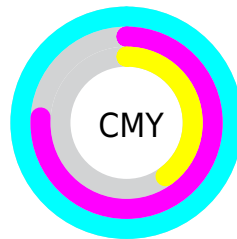
- Red (0%)
- Green (24%)
- Blue (60%)



- Red (0%)
- Yellow (17%)
- Blue (60%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (76%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003E98 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 003E98 by changing the saturation by 10% instead.

 003E98

 003E98

FFFFFF

 00297E

 556DCF

 001664

 7286EC

 00004B

 8FA0FF

 000434

 ADBBFF

 00021E

 CAD7FF

 000000

 E8F3FF

 003E98

 0F4798

■ 1E5098

■ 2E5998

■ 3D6298

■ 4C6B98

■ 5B7498

■ 6A7D98

■ 7A8698

■ 898F98

Harmonies

Analogous

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



004D9D



003E98



6A237C

Triad

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



003E98



7D2600



005535

Complementary

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



003E98



985A00

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.



005200



003E98



5F3D00

Square

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



003E98



8D0027



364B00



005663

Rectangle

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



003E98



820361



364B00



005425

Sweetspot

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



003E98



89A1C4



009859



404E63



E3E3E3



636363

Same Dimension

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



003E98



0050C4



0D0098



45484D



00398C



00050D

Inverse Universe

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



98003E



C40050



8B9800



4D4548



8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 003E98 looks on a white background.

Color Contrast Check

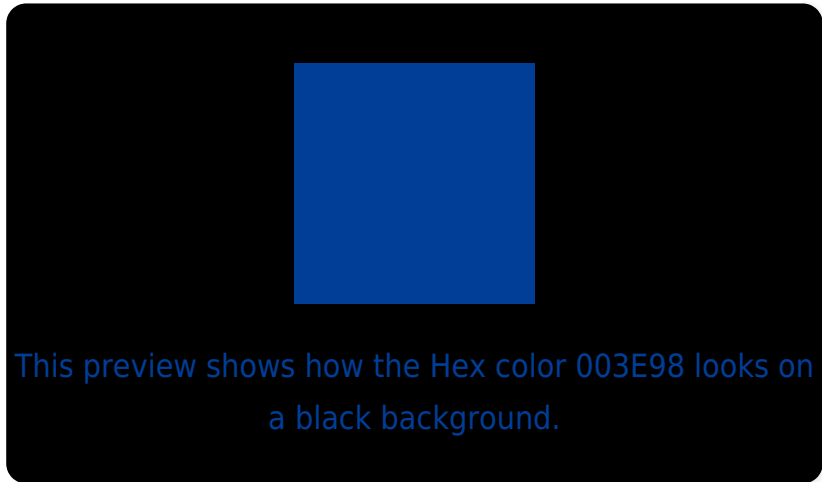
Large Text (above 18pt) WCAG AA ✓ Pass

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

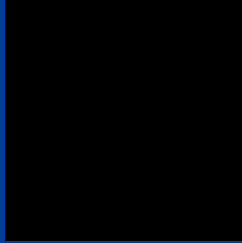
Any Text WCAG AA × Fail

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 003E98 Background



This preview shows how black text looks on a background with the Hex color 003E98.



This preview shows how white text looks on a background with the Hex color 003E98.

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

003E98

Protanopia

00428B

Deuteranopia

004677



Tritanopia
004C50

Trichromacy



Original Color
003E98

Protanomaly
004190

Deuteranomaly
004383

Tritanomaly
00476A

Monochromacy



Original Color
003E98

Achromatopsia
363636

Achromatomaly
22395A

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E98 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 #003E98 looks like.

```
.text, #text, p{  
    color:#003E98  
}
```

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 #003E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E98
}
```

Border

The CSS property to change the border of an element to Hex 003E98 is called "border". The border property can be set on classes, ids or directly on the HTML element.

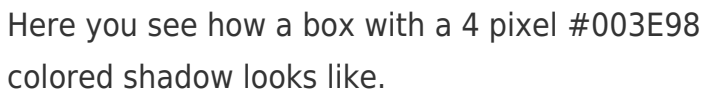
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003E98 }
```

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

```
.border{ border-color:#003E98 }
```

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



Here you see how a box with a 4 pixel #003E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E98; -webkit-box-shadow:4px 4px  
4px 4px #003E98; box-shadow:4px 4px 4px  
4px #003E98 }
```

Background

The CSS property to change the background color of an element to Hex 003E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E98 }
```

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

```
.background{ background-color:#003E98 }
```

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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