

Converting Colors

Hex(03078D)

Have a look what the booklet for
Hex(03078D) contains.

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Color

Hex(03078D)

Conversions

Conversions Part 1

Format	Color
Hex	03078D
RGB	3, 7, 141
RGB Percent	1%, 3%, 55%
CMY	0.9882, 0.9725, 0.4471
CMYK	0.98, 0.95, 0.00, 0.45
HSL	238°, 96%, 28%
HSV	238°, 98%, 55%
XYZ	4.9212, 2.0944, 25.3442
YIQ	21.0800, -45.3980, 40.8260

Conversions

Conversions Part 2

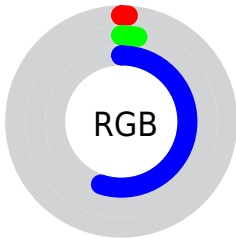
Format	Color
RYB	3, 7, 141
Decimal	198541
CIELab	15.98, 48.53, -67.90
CIELCh	16, 83.461, 305.558
Yxy	2.0944, 0.1521, 0.0647
Android (android.graphics.Color)	4278388621 (0xFF03078D)
YUV	21.0800, 59.1206, -15.8562
Hunter-Lab	14.4721, 35.3732, -93.7012

Details

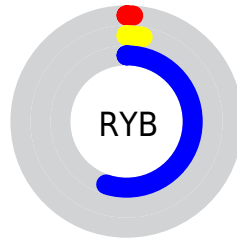
The Hex color **03078D** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8D8903**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **573AC4**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **00048D**, and if you desaturate by 10%, it is **11158D**.

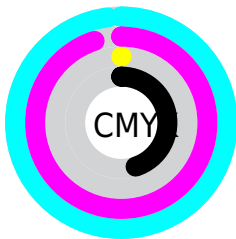
Distribution



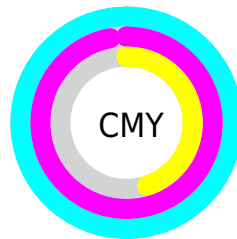
- Red (1%)
- Green (3%)
- Blue (55%)



- Red (1%)
- Yellow (3%)
- Blue (55%)



- Cyan (98%)
- Magenta (95%)
- Yellow (0%)
- Black (45%)



- Cyan (99%)
- Magenta (97%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03078D 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 03078D by changing the saturation by 10% instead.

 03078D

 03078D

 FFF4FF

 000073

 573AC4

 000059

 7552E1

 000741

 936BFE

 00032A

 B085FF

 000114

 CEA0FF

 000000

 ECBBFF

 FFD8FF

 03078D

 03078D

■ 00048D

■ 11158D

■ 1F228D

■ 2D308D

■ 3B3E8D

■ 4A4B8D

■ 58598D

■ 66678D

■ 74758D

■ 82828D

Harmonies

Analogous

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



0032A5



03078D



6F005B

Triad

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



03078D



560500



003932

Complementary

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



03078D



8D8903

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.



003800



03078D



282A00

Square

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



03078D



760000



003400



003C6E

Rectangle

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



03078D



810034



003400



00381D

Sweetspot

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



03078D



8284B8



038D88



3C3D5C



DBDBDB



5C5C5C

Same Dimension

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



03078D



0005B8



43038D



404047



000487



000008

Inverse Universe

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



8D0307



B80005



4D8D03



474040



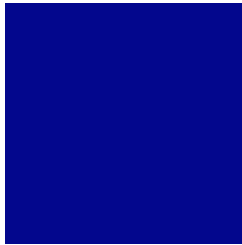
870004



080000

Previews

White Background



This preview shows how the Hex color 03078D looks on a white background.

Color Contrast Check

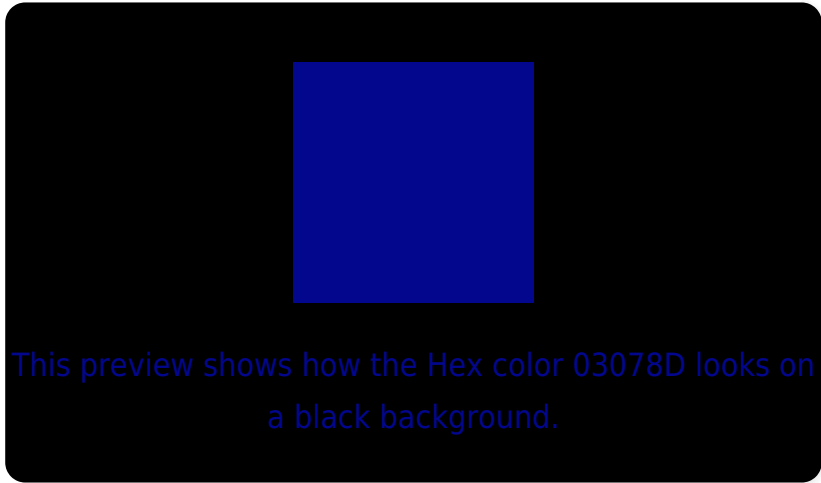
Large Text (above 18pt) WCAG AA ✓ Pass

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

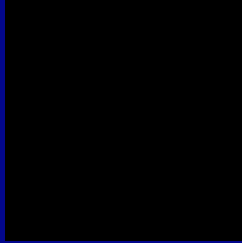
Any Text WCAG AA × Fail

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 03078D Background



This preview shows how black text looks on a background with the Hex color 03078D.



This preview shows how white text looks on a background with the Hex color 03078D.

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
03078D

Protanopia
002957

Deuteranopia
002C4A

Trichromacy



Original Color
03078D

Protanomaly
011D6B

Deuteranomaly
011F62

Tritanomaly
012153

Monochromacy



Original Color
03078D

Achromatopsia
151515

Achromatomaly
0E1041

CSS Examples

Text

The CSS property to change the color of the text to Hex 03078D 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 #03078D looks like.

```
.text, #text, p{  
    color:#03078D  
}
```

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 #03078D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03078D
}
```

Border

The CSS property to change the border of an element to Hex 03078D is called "border". The border property can be set on classes, ids or directly on the HTML element.

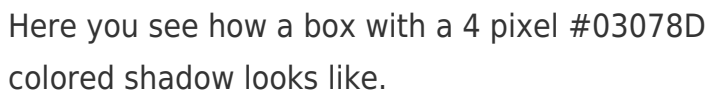
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03078D }
```

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

```
.border{ border-color:#03078D }
```

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



Here you see how a box with a 4 pixel #03078D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03078D; -webkit-box-shadow:4px 4px  
4px 4px #03078D; box-shadow:4px 4px 4px  
4px #03078D }
```

Background

The CSS property to change the background color of an element to Hex 03078D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03078D }
```

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

```
.background{ background-color:#03078D }
```

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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