

Converting Colors

Hex(002078)

Have a look what the booklet for
Hex(002078) contains.

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Color

Hex(002078)

Conversions

Conversions Part 1

Format	Color
Hex	002078
RGB	0, 32, 120
RGB Percent	0%, 13%, 47%
CMY	1.0000, 0.8745, 0.5294
CMYK	1.00, 0.73, 0.00, 0.53
HSL	224°, 100%, 24%
HSV	224°, 100%, 47%
XYZ	3.9067, 2.3891, 18.0245
YIQ	32.4640, -47.3200, 20.5840

Conversions

Conversions Part 2

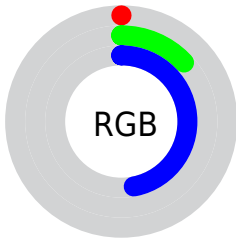
Format	Color
RYB	0, 25, 120
Decimal	8312
CIELab	17.41, 28.55, -52.21
CIELCh	17, 59.508, 298.668
Yxy	2.3891, 0.1606, 0.0982
Android (android.graphics.Color)	4278198392 (0xFF002078)
YUV	32.4640, 43.1552, -28.4709
Hunter-Lab	15.4567, 18.0667, -58.3203

Details

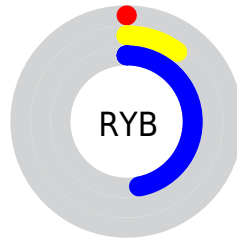
The Hex color **002078** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **785800**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4C4CAD**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **002078**, and if you desaturate by 10%, it is **0C2978**.

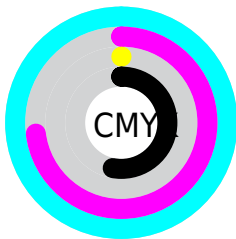
Distribution



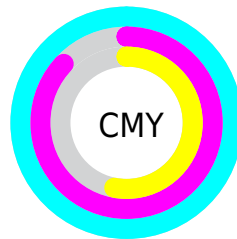
- Red (0%)
- Green (13%)
- Blue (47%)



- Red (0%)
- Yellow (10%)
- Blue (47%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002078 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 002078 by changing the saturation by 10% instead.

■ 002078

■ 002078

FFFFFF

■ 000D5F

■ 4C4CAD

■ 000046

■ 6964C9

■ 00042F

■ 857DE6

■ 000119

■ A197FF

■ 000000

■ BEB2FF

■ DBCDFF

■ F9E9FF

■ 002078

■ 0C2978

■ 183278

■ 243A78

■ 304378

■ 3C4C78

■ 485578

■ 545E78

■ 606678

■ 6C6F78

Harmonies

Analogous

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



003383



002078



580058

Triad

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



002078



571000



003A28

Complementary

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



002078



785800

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



002078



382900

Square

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



002078



6C0000



043300



003B53

Rectangle

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



002078



6A003D



043300



003918

Sweetspot

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



002078



6D799C



007858



333A4F



CFCFCF



4F4F4F

Same Dimension

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



002078



00299C



1C0078



37393D



00217D



0043FC

Inverse Universe

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



780020



9C0029



5C7800



3D3739



7D0021



FC0043

Previews

White Background



This preview shows how the Hex color 002078 looks on a white background.

Color Contrast Check

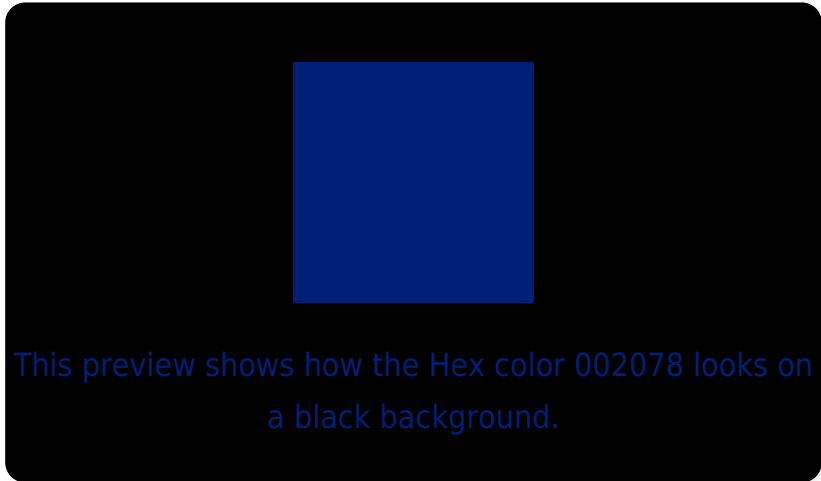
Large Text (above 18pt) WCAG AA ✓ Pass

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

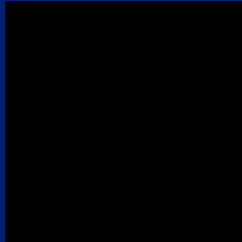
Any Text WCAG AA × Fail

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 002078 Background



This preview shows how black text looks on a background with the Hex color 002078.



This preview shows how white text looks on a background with the Hex color 002078.

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
002078

Protanopia
002B5A

Deuteranopia
002D4C

Trichromacy



Original Color
002078

Protanomaly
002765

Deuteranomaly
00285C

Tritanomaly
002B4D

Monochromacy



Original Color
002078

Achromatopsia
202020

Achromatomaly
142040

CSS Examples

Text

The CSS property to change the color of the text to Hex 002078 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 #002078 looks like.

```
.text, #text, p{  
    color:#002078  
}
```

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 #002078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002078
}
```

Border

The CSS property to change the border of an element to Hex 002078 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
#002078 }
```

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

```
.border{ border-color:#002078 }
```

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

Here you see how a box with a 4 pixel #002078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002078; -webkit-box-shadow:4px 4px  
4px 4px #002078; box-shadow:4px 4px 4px  
4px #002078 }
```

Background

The CSS property to change the background color of an element to Hex 002078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002078 }
```

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

```
.background{ background-color:#002078 }
```

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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