

Converting Colors

Hex(02028C)

Have a look what the booklet for
Hex(02028C) contains.

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Color

Hex(02028C)

Conversions

Conversions Part 1

Format	Color
Hex	02028C
RGB	2, 2, 140
RGB Percent	1%, 1%, 55%
CMY	0.9922, 0.9922, 0.4510
CMYK	0.99, 0.99, 0.00, 0.45
HSL	240°, 97%, 28%
HSV	240°, 99%, 55%
XYZ	4.7804, 1.9498, 24.9353
YIQ	17.7320, -44.2980, 42.9180

Conversions

Conversions Part 2

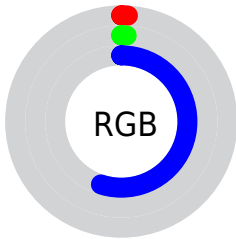
Format	Color
R _Y B	2, 2, 140
Decimal	131724
CIE Lab	15.22, 49.99, -68.53
CIE LCh	15, 84.826, 306.107
Yxy	1.9498, 0.1510, 0.0616
Android (android.graphics.Color)	4278321804 (0xFF02028C)
YUV	17.7320, 60.2781, -13.7970
Hunter-Lab	13.9634, 36.6733, -96.1033

Details

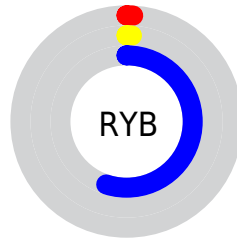
The Hex color **02028C** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8C8C02**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5736C3**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **00008C**, and if you desaturate by 10%, it is **10108C**.

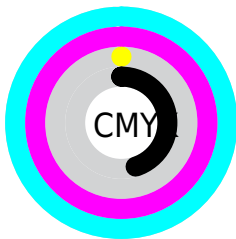
Distribution



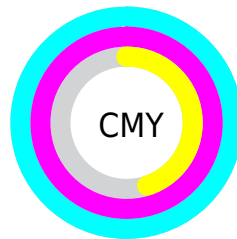
- Red (1%)
- Green (1%)
- Blue (55%)



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



- Cyan (99%)
- Magenta (99%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 02028C 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 02028C by changing the saturation by 10% instead.

■ 02028C

■ 02028C

■ FFF1FF

■ 000072

■ 5736C3

■ 000058

■ 754FE0

■ 000740

■ 9368FD

■ 000329

■ B082FF

■ 000113

■ CE9DFF

■ 000000

■ ECB8FF

■ FFD4FF

■ 02028C

■ 02028C

■ 00008C

■ 10108C

■ 1E1E8C

■ 2C2C8C

■ 3A3A8C

■ 48488C

■ 56568C

■ 64648C

■ 72728C

■ 80808C

Harmonies

Analogous

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



0030A5



02028C



6F0058

Triad

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



02028C



540300



003732

Complementary

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



02028C



8C8C02

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.



003600



02028C



252900

Square

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



02028C



750000



003300



003A6E

Rectangle

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



02028C



800031



003300



00361D

Sweetspot

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



02028C



7F7FB5



028C8C



3B3B5C



DBDBDB



5C5C5C

Same Dimension

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



02028C



0000B5



47028C



3E3E45



000085



000005

Inverse Universe

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



8C028C



B500B5



478C02



453E45



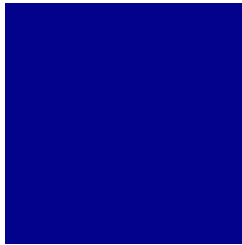
850085



050005

Previews

White Background



This preview shows how the Hex color 02028C looks on a white background.

Color Contrast Check

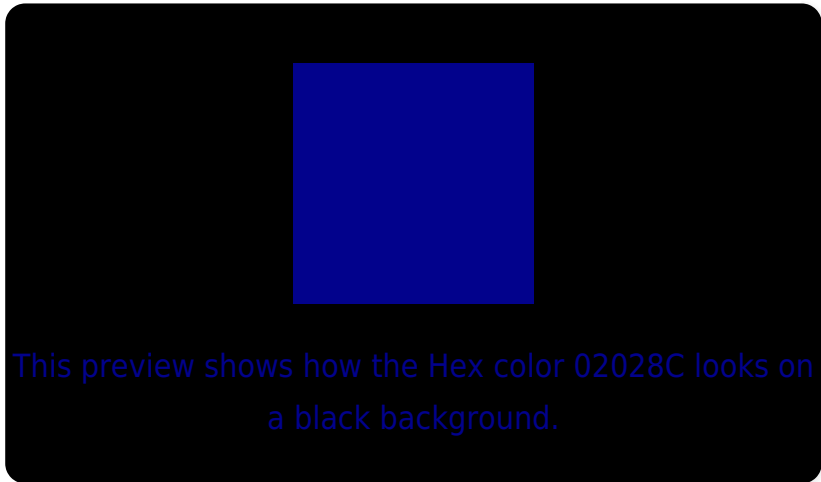
Large Text (above 18pt) WCAG AA ✓ Pass

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

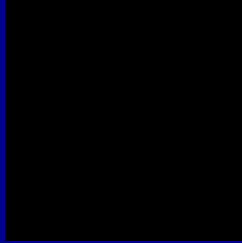
Any Text WCAG AA × Fail

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 02028C Background



This preview shows how black text looks on a background with the Hex color 02028C.



This preview shows how white text looks on a background with the Hex color 02028C.

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
02028C

Protanopia
002956

Deuteranopia
002C49



Tritanopia
002F31

Trichromacy



Original Color
02028C

Protanomaly
011B6A

Deuteranomaly
011D61

Tritanomaly
011F52

Monochromacy



Original Color
02028C

Achromatopsia
121212

Achromatomaly
0C0C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 02028C 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 #02028C looks like.

```
.text, #text, p{  
    color:#02028C  
}
```

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 #02028C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02028C
}
```

Border

The CSS property to change the border of an element to Hex 02028C is called "border". The border property can be set on classes, ids or directly on the HTML element.

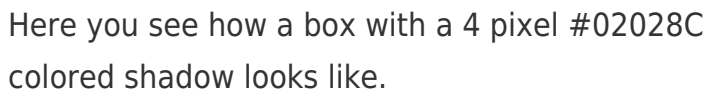
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02028C }
```

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

```
.border{ border-color:#02028C }
```

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



Here you see how a box with a 4 pixel #02028C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02028C; -webkit-box-shadow:4px 4px  
4px 4px #02028C; box-shadow:4px 4px 4px  
4px #02028C }
```

Background

The CSS property to change the background color of an element to Hex 02028C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02028C }
```

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

```
.background{ background-color:#02028C }
```

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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