

# Converting Colors

Hex(02025C)

Have a look what the booklet for  
Hex(02025C) contains.

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# Color

**Hex(02025C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02025C
RGB	2, 2, 92
RGB Percent	1%, 1%, 36%
CMY	0.9922, 0.9922, 0.6392
CMYK	0.98, 0.98, 0.00, 0.64
HSL	240°, 96%, 18%
HSV	240°, 98%, 36%
XYZ	1.9785, 0.8290, 10.1810
YIQ	12.2600, -28.8900, 27.9900

# Conversions

## Conversions Part 2

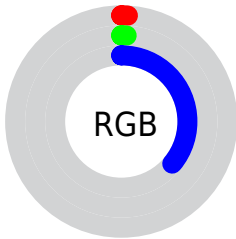
Format	Color
R <sub>Y</sub> B	2, 2, 92
Decimal	131676
CIE Lab	7.49, 36.30, -50.28
CIE LCh	7, 62.013, 305.827
Yxy	0.8290, 0.1523, 0.0638
Android (android.graphics.Color)	4278321756 (0xFF02025C)
YUV	12.2600, 39.3118, -8.9980
Hunter-Lab	9.1051, 22.8535, -59.9221

# Details

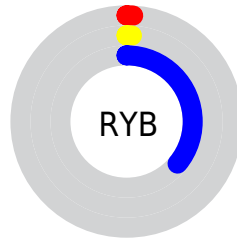
The Hex color **02025C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5C5C02**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **462E8F**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **00005C**, and if you desaturate by 10%, it is **0B0B5C**.

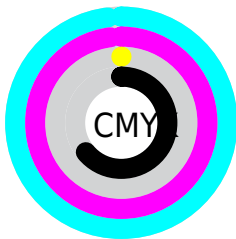
# Distribution



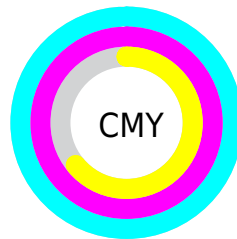
- Red (1%)
- Green (1%)
- Blue (36%)



- Red (1%)
- Yellow (1%)
- Blue (36%)



- Cyan (98%)
- Magenta (98%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (99%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02025C 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 02025C by changing the saturation by 10% instead.



 02025C

 02025C

 FFE3FF

 000044

 462E8F

 00032C

 6245AA

 000117

 7D5EC6

 000000

 9977E2

 B591FF

 D2ACFF

 EFC7FF

 02025C

 02025C

■ 00005C

■ 0B0B5C

■ 14145C

■ 1E1E5C

■ 27275C

■ 30305C

■ 39395C

■ 42425C

■ 4C4C5C

■ 55555C

# Harmonies

## Analogous

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



001D6D



02025C



480039

# Triad

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



02025C



360200



00221E

# Complementary

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



02025C



5C5C02

# 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.



002100



02025C



161800

# Square

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



02025C



4C0000



002100



002547

# Rectangle

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



02025C



54001E



002100



00220E



# Sweetspot

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



02025C



555578



025C5C



28283D



BDBDBD



3D3D3D



# Same Dimension

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



02025C



000078



2F025C



29292E



00006E



0000ED



# Inverse Universe

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



5C025C



780078



2F5C02



2E292E



6E006E

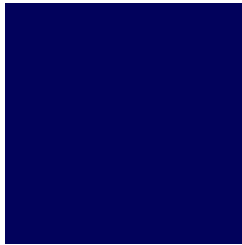


ED00ED



# Previews

## White Background



This preview shows how the Hex color 02025C looks on a white background.

## Color Contrast Check

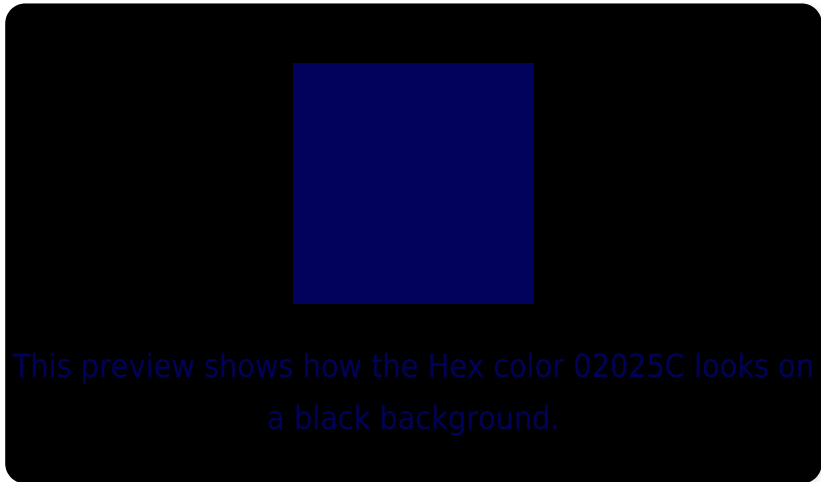
Large Text (above 18pt) WCAG AA ✓ Pass

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

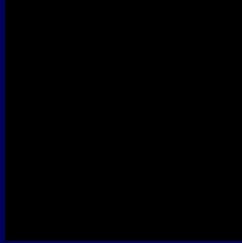
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 02025C Background



This preview shows how black text looks on a background with the Hex color 02025C.



This preview shows how white text looks on a background with the Hex color 02025C.

# 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**  
02025C

**Protanopia**  
001B38

**Tritanopia**  
001F20

# Trichromacy



**Original Color**  
02025C

**Protanomaly**  
011245

**Tritanomaly**  
011436

# Monochromacy



**Original Color**  
02025C

**Achromatopsia**  
0C0C0C

**Achromatomaly**  
080829

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02025C 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 #02025C looks like.

```
.text, #text, p{  
    color:#02025C  
}
```

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 #02025C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02025C
}
```

## Border

The CSS property to change the border of an element to Hex 02025C 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".

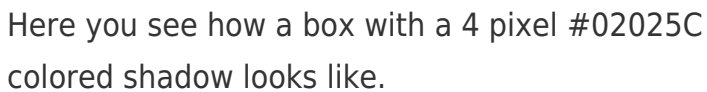
```
.border, #border, table{ border:4px solid
#02025C }
```

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

```
.border{ border-color:#02025C }
```

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

Here you see how a box with a 4 pixel #02025C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02025C; -webkit-box-shadow:4px 4px  
4px 4px #02025C; box-shadow:4px 4px 4px  
4px #02025C }
```

# Background

The CSS property to change the background color of an element to Hex 02025C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02025C }
```

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

```
.background{ background-color:#02025C }
```

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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