

Converting Colors

Hex(002711)

Have a look what the booklet for
Hex(002711) contains.

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Color

Hex(002711)

Conversions

Conversions Part 1

Format	Color
Hex	002711
RGB	0, 39, 17
RGB Percent	0%, 15%, 7%
CMY	1.0000, 0.8471, 0.9333
CMYK	1.00, 0.00, 0.56, 0.85
HSL	146°, 100%, 8%
HSV	146°, 100%, 15%
XYZ	0.8267, 1.4915, 0.7746
YIQ	24.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

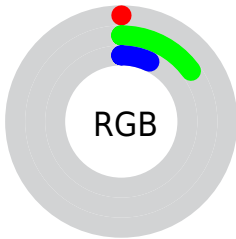
Format	Color
RYB	0, 27, 39
Decimal	10001
CIELab	12.55, -20.25, 10.56
CIELCh	13, 22.838, 152.445
Yxy	1.4915, 0.2673, 0.4822
Android (android.graphics.Color)	4278200081 (0xFF002711)
YUV	24.8310, -3.8607, -21.7768
Hunter-Lab	12.2127, -9.2894, 4.7883

Details

The Hex color **002711** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270016**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **2E553B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002711**, and if you desaturate by 10%, it is **042713**.

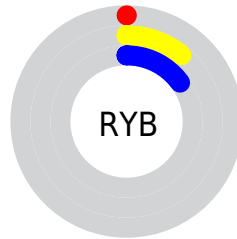
Distribution



Red (0%)

Green (15%)

Blue (7%)



Red (0%)

Yellow (11%)

Blue (15%)

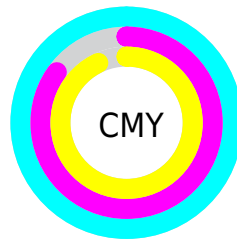


Cyan (100%)

Magenta (0%)

Yellow (56%)

Black (85%)



Cyan (100%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002711 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 002711 by changing the saturation by 10% instead.

 002711

 002711

 E4FFF1

 001000

 2E553B

 000000

 466D52

 5E876B

 77A184

 91BC9E

 ACD8B9

 C8F4D5

 002711

■ 042713

■ 082715

■ 0C2718

■ 10271A

■ 14271C

■ 17271E

■ 1B2720

■ 1F2723

■ 232725

Harmonies

Analogous

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



192400



002711



002821

Triad

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



002711



002240



3C1410

Complementary

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



002711



270016

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.



3D1120



002711



221C3B

Square

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



002711



00263C



35152F



351A00

Rectangle

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



002711



00282C



35152F



3D1216

Sweetspot

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



002711



24332A



162700



101A14



999999



1A1A1A

Same Dimension

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



002711



003316



002724



121413



005425



00D45C

Inverse Universe

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



270016



33001D



270003



141214



54002F



D40077

Previews

White Background



This preview shows how the Hex color 002711 looks on a white background.

Color Contrast Check

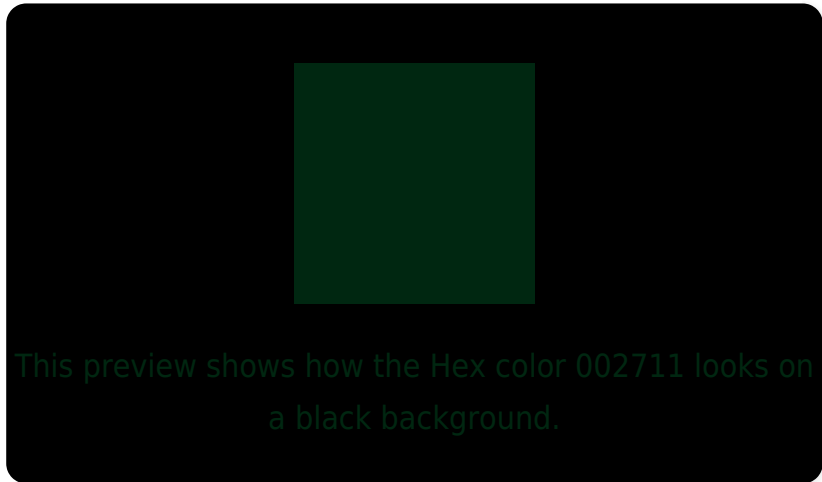
Large Text (above 18pt) WCAG AA ✓ Pass

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

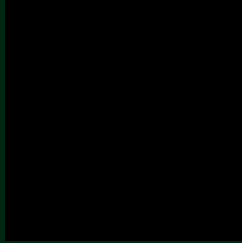
Any Text WCAG AA × Fail

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 002711 Background



This preview shows how black text looks on a background with the Hex color 002711.



This preview shows how white text looks on a background with the Hex color 002711.

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
002711

Protanopia
25220F

Deuteranopia
292013



Tritanopia
0F2528

Trichromacy



Original Color
002711

Protanomaly
182410

Deuteranomaly
1A2312

Tritanomaly
0A2620

Monochromacy



Original Color
002711

Achromatopsia
191919

Achromatomaly
101E16

CSS Examples

Text

The CSS property to change the color of the text to Hex 002711 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 #002711 looks like.

```
.text, #text, p{  
    color:#002711  
}
```

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 #002711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002711
}
```

Border

The CSS property to change the border of an element to Hex 002711 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".

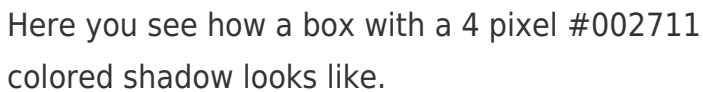
```
.border, #border, table{ border:4px solid
#002711 }
```

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

```
.border{ border-color:#002711 }
```

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

Here you see how a box with a 4 pixel #002711 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002711; -webkit-box-shadow:4px 4px  
4px 4px #002711; box-shadow:4px 4px 4px  
4px #002711 }
```

Background

The CSS property to change the background color of an element to Hex 002711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002711 }
```

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

```
.background{ background-color:#002711 }
```

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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