

Converting Colors

Hex(00052C)

Have a look what the booklet for
Hex(00052C) contains.

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Color

Hex(00052C)

Conversions

Conversions Part 1

Format	Color
Hex	00052C
RGB	0, 5, 44
RGB Percent	0%, 2%, 17%
CMY	1.0000, 0.9804, 0.8275
CMYK	1.00, 0.89, 0.00, 0.83
HSL	233°, 100%, 9%
HSV	233°, 100%, 17%
XYZ	0.5089, 0.2904, 2.4121
YIQ	7.9510, -15.4990, 11.0690

Conversions

Conversions Part 2

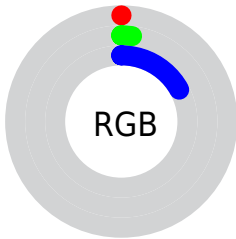
Format	Color
RYB	0, 4, 44
Decimal	1324
CIELab	2.62, 9.54, -24.06
CIElCh	3, 25.884, 291.627
Yxy	0.2904, 0.1585, 0.0904
Android (android.graphics.Color)	4278191404 (0xFF00052C)
YUV	7.9510, 17.7722, -6.9730
Hunter-Lab	5.3888, 7.4264, -22.7669

Details

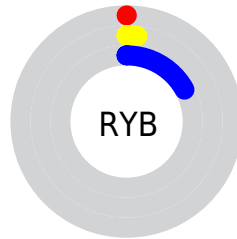
The Hex color **00052C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2C2700**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **2E335A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00052C**, and if you desaturate by 10%, it is **04092C**.

Distribution



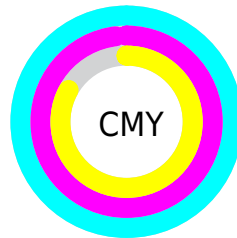
- Red (0%)
- Green (2%)
- Blue (17%)



- Red (0%)
- Yellow (2%)
- Blue (17%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (98%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00052C 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 00052C by changing the saturation by 10% instead.

■ 00052C

■ 00052C

■ E5E6FF

■ 000117

■ 2E335A

■ 000000

■ 464A73

■ 5E618C

■ 787AA7

■ 9294C2

■ ADAEDE

■ C9CAFB

■ 00052C

■ 04092C

■ 090D2C

■ 0D112C

■ 12152C

■ 16192C

■ 1A1C2C

■ 1F202C

■ 23242C

■ 28282C

Harmonies

Analogous

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



000F2E



00052C



1E0022

Triad

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



00052C



230000



001100

Complementary

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



00052C



2C2700

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.



001100



00052C



150600

Square

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



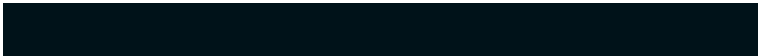
00052C



2A0000



001000



001219

Rectangle

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



00052C



260018



001000



001100

Sweetspot

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



00052C



272938



002C27



12131C



9C9C9C



1C1C1C

Same Dimension

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



00052C



000638



11002C



151517



000A57



0018D6

Inverse Universe

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



2C0005



380006



1B2C00



171515



57000A



D60018

Previews

White Background



This preview shows how the Hex color 00052C looks on a white background.

Color Contrast Check

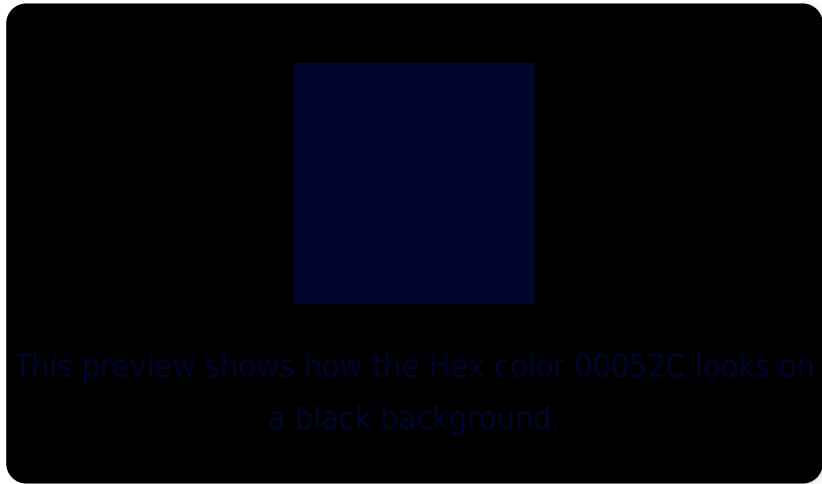
Large Text (above 18pt) WCAG AA ✓ Pass

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

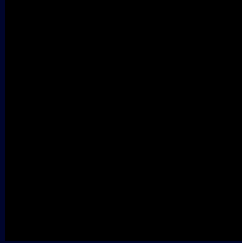
Any Text WCAG AA × Fail

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 00052C Background



This preview shows how black text looks on a background with the Hex color 00052C.



This preview shows how white text looks on a background with the Hex color 00052C.

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
00052C

Protanopia
000D1C

Deuteranopia
000E18



Tritanopia
000F10

Trichromacy



Original Color
00052C

Protanomaly
000A22

Deuteranomaly
000B1F

Tritanomaly
000B1A

Monochromacy



Original Color
00052C

Achromatopsia
080808

Achromatomaly
050715

CSS Examples

Text

The CSS property to change the color of the text to Hex 00052C 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 #00052C looks like.

```
.text, #text, p{  
    color:#00052C  
}
```

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 #00052C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00052C
}
```

Border

The CSS property to change the border of an element to Hex 00052C is called "border". The border property can be set on classes, ids or directly on the HTML element.

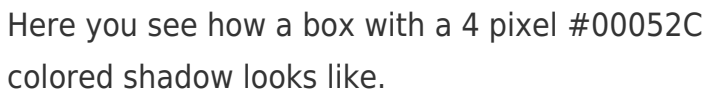
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00052C }
```

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

```
.border{ border-color:#00052C }
```

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



Here you see how a box with a 4 pixel #00052C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00052C; -webkit-box-shadow:4px 4px  
4px 4px #00052C; box-shadow:4px 4px 4px  
4px #00052C }
```

Background

The CSS property to change the background color of an element to Hex 00052C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00052C }
```

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

```
.background{ background-color:#00052C }
```

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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