

Converting Colors

Hex(05002B)

Have a look what the booklet for
Hex(05002B) contains.

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Color

Hex(05002B)

Conversions

Conversions Part 1

Format	Color
Hex	05002B
RGB	5, 0, 43
RGB Percent	2%, 0%, 17%
CMY	0.9804, 1.0000, 0.8314
CMYK	0.88, 1.00, 0.00, 0.83
HSL	247°, 100%, 8%
HSV	247°, 100%, 17%
XYZ	0.4986, 0.2067, 2.2991
YIQ	6.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

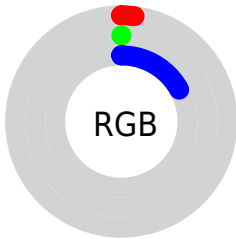
Format	Color
R_{YB}	5, 0, 43
Decimal	327723
CIE _{Lab}	1.87, 12.38, -24.47
CIE _{LCh}	2, 27.427, 296.830
Yxy	0.2067, 0.1660, 0.0688
Android (android.graphics.Color)	4278517803 (0xFF05002B)
YUV	6.3970, 18.0453, -1.2252
Hunter-Lab	4.5462, 11.6220, -26.8016

Details

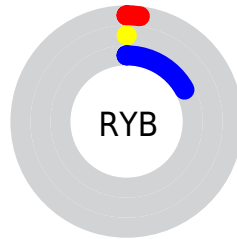
The Hex color **05002B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **262B00**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **313059**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **05002B**, and if you desaturate by 10%, it is **09042B**.

Distribution



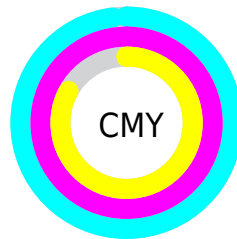
- Red (2%)
- Green (0%)
- Blue (17%)



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



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (83%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 05002B 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 05002B by changing the saturation by 10% instead.

■ 05002B

■ 05002B

■ E9E2FF

■ 000115

■ 313059

■ 000000

■ 494671

■ 625E8B

■ 7B76A5

■ 9590C1

■ B0ABDD

■ CCC6F9

■ 05002B

■ 09042B

■ 0D092B

■ 100D2B

■ 14112B

■ 18162B

■ 1C1A2B

■ 201E2B

■ 23222B

■ 27272B

Harmonies

Analogous

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



000B2F



05002B



21001F

Triad

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



05002B



210000



000D03

Complementary

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



05002B



262B00

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.



000D00



05002B



0E0500

Square

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



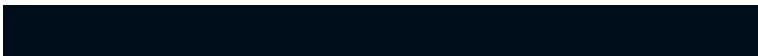
05002B



290000



000D00



000E1B

Rectangle

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



05002B



280014



000D00

Sweetspot

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



05002B



292738



00272B



13121C



9C9C9C



1C1C1C

Same Dimension

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



05002B



070038



1A002B



131214



0A0054



1900D4

Inverse Universe

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



2B0026



380032



112B00



141214



54004A



D400BB

Previews

White Background



This preview shows how the Hex color 05002B looks on a white background.

Color Contrast Check

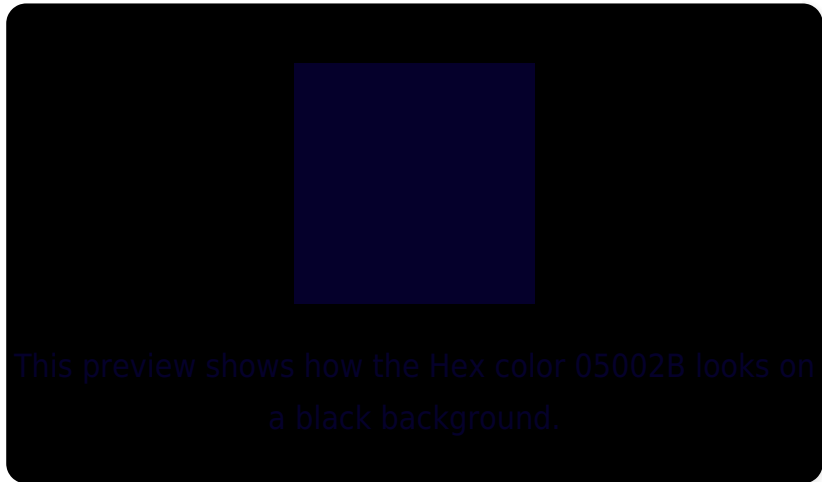
Large Text (above 18pt) WCAG AA ✓ Pass

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

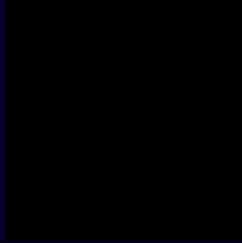
Any Text WCAG AA × Fail

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 05002B Background



This preview shows how black text looks on a background with the Hex color 05002B.



This preview shows how white text looks on a background with the Hex color 05002B.

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
05002B

Protanopia
000D1B

Deuteranopia
000E17



Tritanopia
000F0F

Trichromacy



Original Color
05002B

Protanomaly
020821

Deuteranomaly
02091E

Tritanomaly
020A19

Monochromacy



Original Color
05002B

Achromatopsia
060606

Achromatomaly
060413

CSS Examples

Text

The CSS property to change the color of the text to Hex 05002B 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 #05002B looks like.

```
.text, #text, p{  
    color:#05002B  
}
```

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 #05002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05002B
}
```

Border

The CSS property to change the border of an element to Hex 05002B 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
#05002B }
```

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

```
.border{ border-color:#05002B }
```

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

Here you see how a box with a 4 pixel #05002B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05002B; -webkit-box-shadow:4px 4px  
4px 4px #05002B; box-shadow:4px 4px 4px  
4px #05002B }
```

Background

The CSS property to change the background color of an element to Hex 05002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05002B }
```

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

```
.background{ background-color:#05002B }
```

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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