

Converting Colors

Hex(04082B)

Have a look what the booklet for
Hex(04082B) contains.

Hex(04082B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04082B)

Conversions

Conversions Part 1

Format	Color
Hex	04082B
RGB	4, 8, 43
RGB Percent	2%, 3%, 17%
CMY	0.9843, 0.9686, 0.8314
CMYK	0.91, 0.81, 0.00, 0.83
HSL	234°, 83%, 9%
HSV	234°, 91%, 17%
XYZ	0.5729, 0.3739, 2.3275
YIQ	10.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

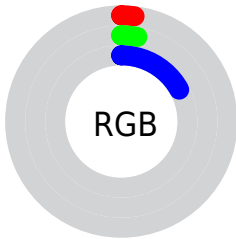
Format	Color
RYB	4, 8, 43
Decimal	264235
CIELab	3.38, 8.91, -22.10
CIELCh	3, 23.826, 291.967
Yxy	0.3739, 0.1750, 0.1142
Android (android.graphics.Color)	4278454315 (0xFF04082B)
YUV	10.7940, 15.8776, -5.9583
Hunter-Lab	6.1147, 6.0247, -18.2876

Details

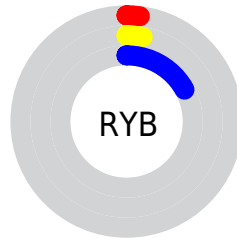
The Hex color **04082B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2B2704**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **313559**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00042B**, and if you desaturate by 10%, it is **080C2B**.

Distribution



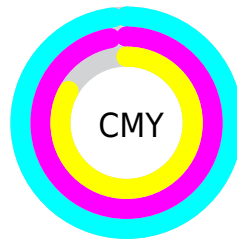
- Red (2%)
- Green (3%)
- Blue (17%)



- Red (2%)
- Yellow (3%)
- Blue (17%)



- Cyan (91%)
- Magenta (81%)
- Yellow (0%)
- Black (83%)



- Cyan (98%)
- Magenta (97%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04082B 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 04082B by changing the saturation by 10% instead.

■ 04082B

■ 04082B

■ E8E8FF

■ 000116

■ 313559

■ 000000

■ 494B71

■ 61638B

■ 7B7CA5

■ 9596C1

■ B0B1DD

■ CCCC9

■ 04082B

■ 04082B

■ 00042B

■ 080C2B

■ 0D102B

■ 11142B

■ 15172B

■ 191B2B

■ 1E1F2B

■ 22232B

■ 26272B

■ 2B2B2B

Harmonies

Analogous

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



00112D



04082B



1E0022

Triad

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



04082B



240000



001404

Complementary

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



04082B



2B2704

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.



001400



04082B



170900

Square

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



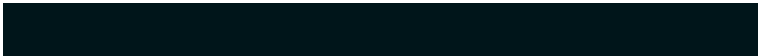
04082B



2A0000



001100



00151A

Rectangle

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



04082B



260019



001100



001400

Sweetspot

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



04082B



292B38



042B26



13141C



9C9C9C



1C1C1C

Same Dimension

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



04082B



000638



13042B



121314



000954



0016D4

Inverse Universe

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



2B0408



380006



1C2B04



141213



540009



D40016

Previews

White Background



This preview shows how the Hex color 04082B looks on a white background.

Color Contrast Check

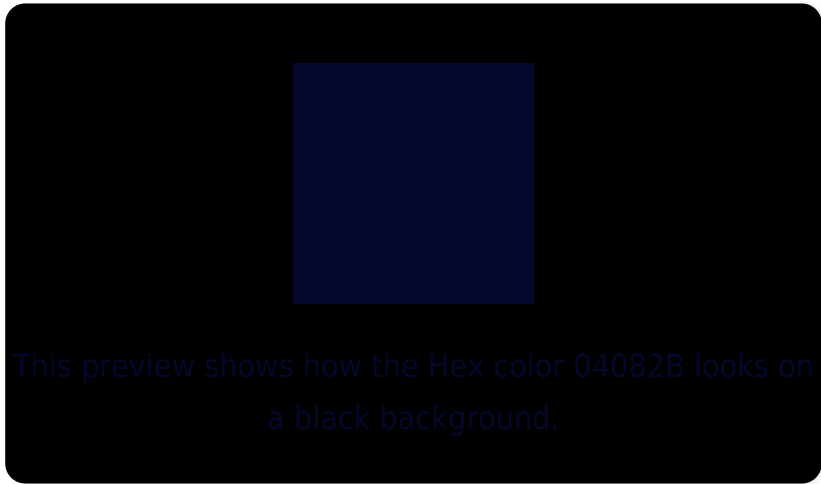
Large Text (above 18pt) WCAG AA ✓ Pass

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

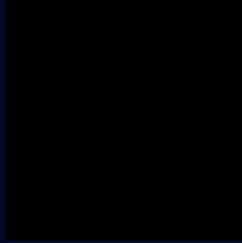
Any Text WCAG AA × Fail

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 04082B Background



This preview shows how black text looks on a background with the Hex color 04082B.



This preview shows how white text looks on a background with the Hex color 04082B.

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
04082B

Protanopia
000E1D

Deuteranopia
000F19



Tritanopia
001011

Trichromacy



Original Color

04082B

Protanomaly

010C22

Deuteranomaly

010C20

Tritanomaly

010D1A

Monochromacy



Original Color

04082B

Achromatopsia

0B0B0B

Achromatomaly

080A17

CSS Examples

Text

The CSS property to change the color of the text to Hex 04082B 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 #04082B looks like.

```
.text, #text, p{  
    color:#04082B  
}
```

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 #04082B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04082B
}
```

Border

The CSS property to change the border of an element to Hex 04082B 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
#04082B }
```

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

```
.border{ border-color:#04082B }
```

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

Here you see how a box with a 4 pixel #04082B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04082B; -webkit-box-shadow:4px 4px  
4px 4px #04082B; box-shadow:4px 4px 4px  
4px #04082B }
```

Background

The CSS property to change the background color of an element to Hex 04082B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04082B }
```

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

```
.background{ background-color:#04082B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor