

Converting Colors

Hex(000940)

Have a look what the booklet for
Hex(000940) contains.

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Color

Hex(000940)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 000940 |
| RGB | 0, 9, 64 |
| RGB Percent | 0%, 4%, 25% |
| CMY | 1.0000, 0.9647, 0.7490 |
| CMYK | 1.00, 0.86, 0.00, 0.75 |
| HSL | 232°, 100%, 13% |
| HSV | 232°, 100%, 25% |
| XYZ | 1.0231, 0.5655, 4.9057 |
| YIQ | 12.5790, -23.0190, 15.1970 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 0, 8, 64 |
| Decimal | 2368 |
| CIELab | 5.11, 19.41, -34.77 |
| CIELCh | 5, 39.825, 299.175 |
| Yxy | 0.5655, 0.1575, 0.0871 |
| Android (android.graphics.Color) | 4278192448 (0xFF000940) |
| YUV | 12.5790, 25.3506, -11.0318 |
| Hunter-Lab | 7.5202, 11.1239, -33.4129 |

Details

The Hex color **000940** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **403700**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **373471**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **000940**, and if you desaturate by 10%, it is **060F40**.

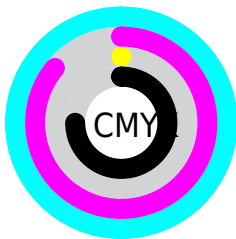
Distribution



- Red (0%)
- Green (4%)
- Blue (25%)



- Red (0%)
- Yellow (3%)
- Blue (25%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (96%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000940 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 000940 by changing the saturation by 10% instead.

000940

000940

F5E7FF

000329

373471

000113

514B8A

000000

6B62A5

857BC0

A095DC

BCB0F9

D8CBFF

000940

■ 060F40

■ 0D1440

■ 131A40

■ 1A1F40

■ 202540

■ 262A40

■ 2D3040

■ 333540

■ 3A3B40

Harmonies

Analogous

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



001647



000940



2E002D

Triad

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



000940



2C0100



001B0F

Complementary

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



000940



403700

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.



001A00



000940



181000

Square

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



000940



390000



001900



001C2B

Rectangle

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



000940



38001C



001900



001B00

Sweetspot

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



000940



3B3E54



004036



1C1E2B



ABABAB



2B2B2B

Same Dimension

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



000940



000C54



160040



1E1E21



000E61



0020E0

Inverse Universe

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



400009



54000C



2A4000



211E1E



61000E



E00020

Previews

White Background



This preview shows how the Hex color 000940 looks on a white background.

Color Contrast Check

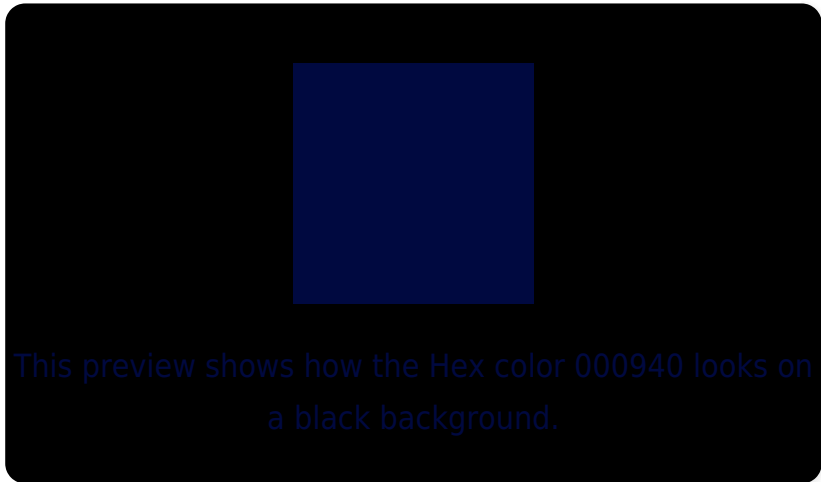
Large Text (above 18pt) WCAG AA ✓ Pass

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

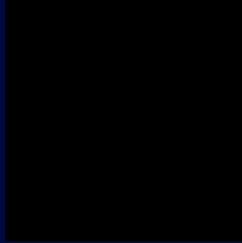
Any Text WCAG AA × Fail

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 000940 Background



This preview shows how black text looks on a background with the Hex color 000940.



This preview shows how white text looks on a background with the Hex color 000940.

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
000940

Protanopia
001429

Deuteranopia
001523



Tritanopia
001718

Trichromacy



Original Color
000940

Protanomaly
001031

Deuteranomaly
00112E

Tritanomaly
001227

Monochromacy



Original Color
000940

Achromatopsia
0D0D0D

Achromatomaly
080C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 000940 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 #000940 looks like.

```
.text, #text, p{  
    color:#000940  
}
```

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 #000940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000940
}
```

Border

The CSS property to change the border of an element to Hex 000940 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
#000940 }
```

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

```
.border{ border-color:#000940 }
```

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

Here you see how a box with a 4 pixel #000940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000940; -webkit-box-shadow:4px 4px  
4px 4px #000940; box-shadow:4px 4px 4px  
4px #000940 }
```

Background

The CSS property to change the background color of an element to Hex 000940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000940 }
```

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

```
.background{ background-color:#000940 }
```

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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