

Converting Colors

Hex(000464)

Have a look what the booklet for
Hex(000464) contains.

Hex(000464)	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(000464)

Conversions

Conversions Part 1

Format	Color
Hex	000464
RGB	0, 4, 100
RGB Percent	0%, 2%, 39%
CMY	1.0000, 0.9843, 0.6078
CMYK	1.00, 0.96, 0.00, 0.61
HSL	238°, 100%, 20%
HSV	238°, 100%, 39%
XYZ	2.3437, 1.0069, 12.1274
YIQ	13.7480, -33.2000, 29.0080

Conversions

Conversions Part 2

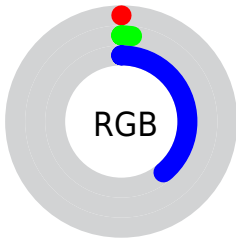
Format	Color
RYB	0, 4, 100
Decimal	1124
CIELab	9.05, 37.56, -53.04
CIELCh	9, 64.992, 305.305
Yxy	1.0069, 0.1514, 0.0651
Android (android.graphics.Color)	4278191204 (0xFF000464)
YUV	13.7480, 42.5222, -12.0570
Hunter-Lab	10.0346, 24.1296, -64.6313

Details

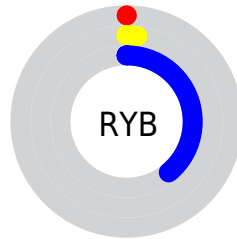
The Hex color **000464** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **646000**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **483198**, and **000434** is the 20% darker color. If you saturate the color by 10%, you get **000464**, and if you desaturate by 10%, it is **0A0E64**.

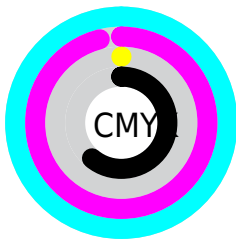
Distribution



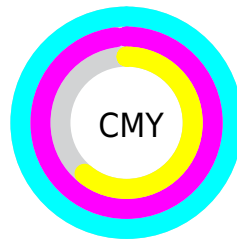
- Red (0%)
- Green (2%)
- Blue (39%)



- Red (0%)
- Yellow (2%)
- Blue (39%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (98%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000464 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 000464 by changing the saturation by 10% instead.

 000464

 000464

 FFE7FF

 00004C

 483198

 000434

 6449B3

 00021E

 8061CF

 000000

 9C7AEC

 B894FF

 D5AFFF

 F3CBFF

 000464

■ 0A0E64

■ 141764

■ 1E2164

■ 282A64

■ 323464

■ 3C3E64

■ 464764

■ 505164

■ 5A5A64

Harmonies

Analogous

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



002175



000464



4E003F

Triad

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



000464



3C0200



002621

Complementary

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



000464



646000

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.



002500



000464



1A1B00

Square

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



000464



530000



002500



00294D

Rectangle

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



000464



5B0023



002500



002611

Sweetspot

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



000464



5B5D82



00645F



2A2B42



C2C2C2



424242

Same Dimension

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



000464



000582



2D0064



2E2E33



000573



000AF2

Inverse Universe

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



640004



820005



376400



332E2E



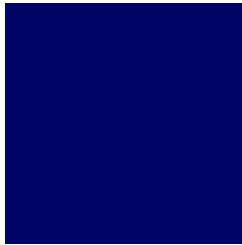
730005



F2000A

Previews

White Background



This preview shows how the Hex color 000464 looks on a white background.

Color Contrast Check

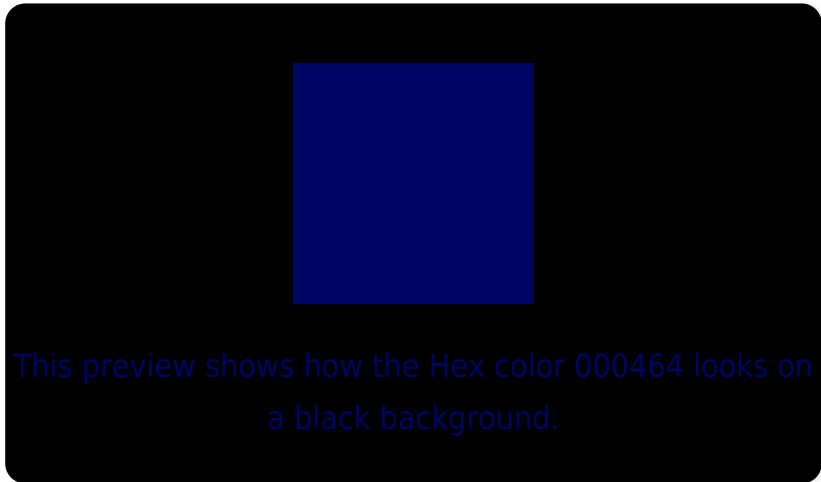
Large Text (above 18pt) WCAG AA ✓ Pass

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

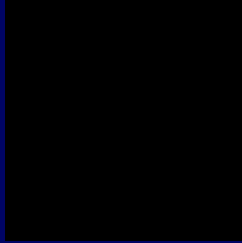
Any Text WCAG AA × Fail

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 000464 Background



This preview shows how black text looks on a background with the Hex color 000464.



This preview shows how white text looks on a background with the Hex color 000464.

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
000464

Protanopia
001D3D

Deuteranopia
001F34

Trichromacy



Original Color

000464

Protanomaly

00144B

Deuteranomaly

001545

Tritanomaly

00173B

Monochromacy



Original Color

000464

Achromatopsia

0E0E0E

Achromatomaly

090A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 000464 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 #000464 looks like.

```
.text, #text, p{  
    color:#000464  
}
```

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 #000464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000464
}
```

Border

The CSS property to change the border of an element to Hex 000464 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
#000464 }
```

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

```
.border{ border-color:#000464 }
```

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

Here you see how a box with a 4 pixel #000464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000464; -webkit-box-shadow:4px 4px  
4px 4px #000464; box-shadow:4px 4px 4px  
4px #000464 }
```

Background

The CSS property to change the background color of an element to Hex 000464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000464 }
```

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

```
.background{ background-color:#000464 }
```

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