

Converting Colors

Hex(4000C)

Have a look what the booklet for
Hex(40000C) contains.

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Color

Hex(40000C)

Conversions

Conversions Part 1

Format	Color
Hex	40000C
RGB	64, 0, 12
RGB Percent	25%, 0%, 5%
CMY	0.7490, 1.0000, 0.9529
CMYK	0.00, 1.00, 0.81, 0.75
HSL	349°, 100%, 13%
HSV	349°, 100%, 25%
XYZ	2.1807, 1.1165, 0.4484
YIQ	20.5040, 34.2920, 17.3000

Conversions

Conversions Part 2

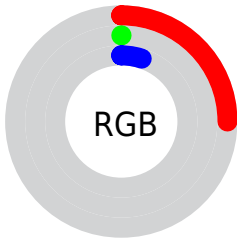
Format	Color
RYB	64, 0, 12
Decimal	4194316
CIELab	9.93, 30.32, 10.70
CIELCh	10, 32.156, 19.438
Yxy	1.1165, 0.5822, 0.2981
Android (android.graphics.Color)	4282384396 (0xFF40000C)
YUV	20.5040, -4.1925, 38.1460
Hunter-Lab	10.5666, 18.3468, 4.8806

Details

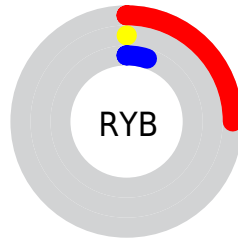
The Hex color **40000C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004034**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **743137**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **40000C**, and if you desaturate by 10%, it is **400611**.

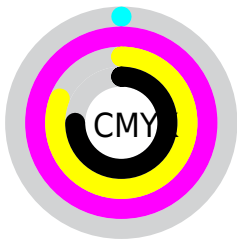
Distribution



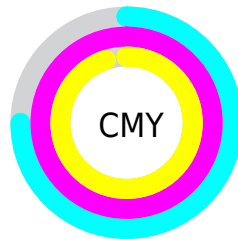
- Red (25%)
- Green (0%)
- Blue (5%)



- Red (25%)
- Yellow (0%)
- Blue (5%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40000C 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 40000C by changing the saturation by 10% instead.

 40000C

 40000C

 FFE9EB

 2B0001

 743137

 000000

 90494E

 AC6266

 C87B7F

 E59699

 FFB1B4

 FFCCCF

 40000C

■ 400611

■ 400D16

■ 40131C

■ 401A21

■ 402026

■ 40262B

■ 402D30

■ 403336

■ 403A3B

Harmonies

Analogous

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



3D0024



40000C



390C00

Triad

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



4000C



002300



002047

Complementary

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



40000C



004034

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.



00243C



40000C



002512

Square

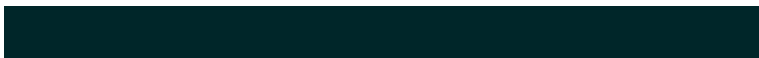
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40000C



161F00



002629



001945

Rectangle

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



40000C



2F1400



002629



002244

Sweetspot

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



40000C



543B40



330040



2B1C1F



ABABAB



2B2B2B

Same Dimension

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



40000C



540010



401300



211E1E



610012



E0002A

Inverse Universe

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



4000C



540010



002D40



211E1E



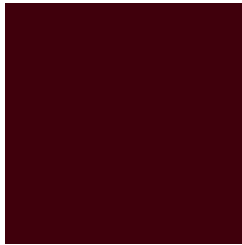
610012



E0002A

Previews

White Background



This preview shows how the Hex color 40000C looks on a white background.

Color Contrast Check

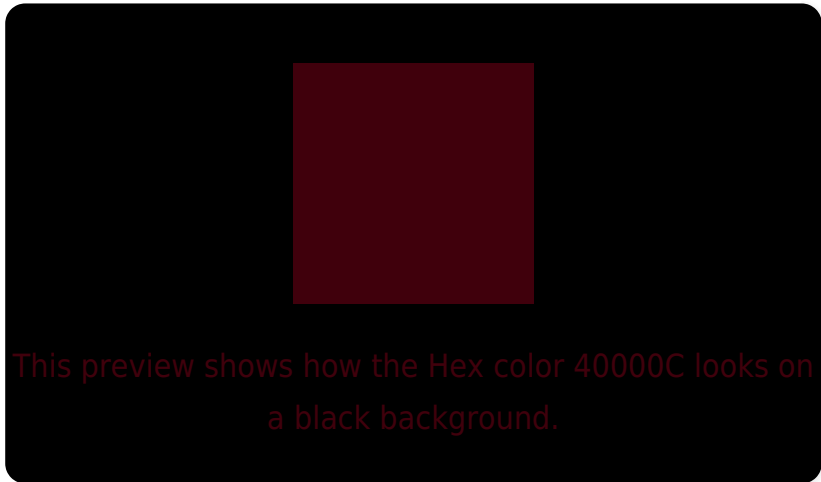
Large Text (above 18pt) WCAG AA ✓ Pass

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

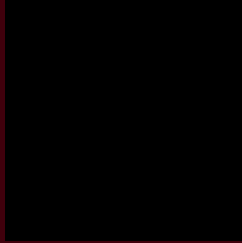
Any Text WCAG AA × Fail

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 40000C Background



This preview shows how black text looks on a background with the Hex color 40000C.

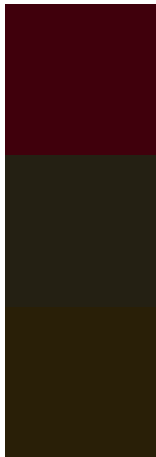


This preview shows how white text looks on a background with the Hex color 40000C.

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
40000C

Protanopia
242013

Deuteranopia
291F07



Tritanopia
400600

Trichromacy



Original Color
4000C

Protanomaly
2E1410

Deuteranomaly
311409

Tritanomaly
400404

Monochromacy



Original Color
4000C

Achromatopsia
151515

Achromatomaly
250D12

CSS Examples

Text

The CSS property to change the color of the text to Hex 40000C 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 #40000C looks like.

```
.text, #text, p{  
    color:#40000C  
}
```

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 #40000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40000C
}
```

Border

The CSS property to change the border of an element to Hex 40000C is called "border". The border property can be set on classes, ids or directly on the HTML element.

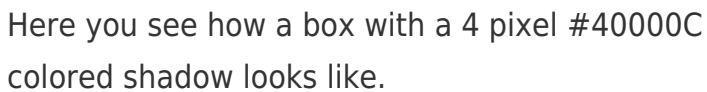
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40000C }
```

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

```
.border{ border-color:#40000C }
```

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



Here you see how a box with a 4 pixel #40000C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40000C; -webkit-box-shadow:4px 4px  
4px 4px #40000C; box-shadow:4px 4px 4px  
4px #40000C }
```

Background

The CSS property to change the background color of an element to Hex 40000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40000C }
```

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

```
.background{ background-color:#40000C }
```

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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