

Converting Colors

Hex(000413)

Have a look what the booklet for
Hex(000413) contains.

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Color

Hex(000413)

Conversions

Conversions Part 1

Format	Color
Hex	000413
RGB	0, 4, 19
RGB Percent	0%, 2%, 7%
CMY	1.0000, 0.9843, 0.9255
CMYK	1.00, 0.79, 0.00, 0.93
HSL	227°, 100%, 4%
HSV	227°, 100%, 7%
XYZ	0.1610, 0.1339, 0.6334
YIQ	4.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

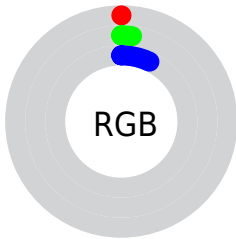
Format	Color
RYB	0, 3, 19
Decimal	1043
CIELab	1.21, 1.38, -6.98
CIElCh	1, 7.111, 281.207
Yxy	0.1339, 0.1734, 0.1442
Android (android.graphics.Color)	4278191123 (0xFF000413)
YUV	4.5140, 7.1416, -3.9588
Hunter-Lab	3.6586, 1.4507, -7.7045

Details

The Hex color **000413** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **130F00**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **30333D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000413**, and if you desaturate by 10%, it is **020513**.

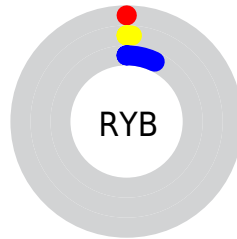
Distribution



Red (0%)

Green (2%)

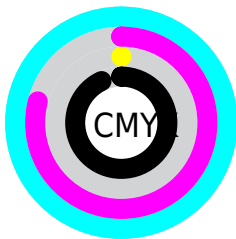
Blue (7%)



Red (0%)

Yellow (1%)

Blue (7%)

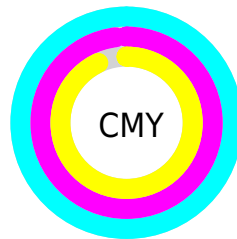


Cyan (100%)

Magenta (79%)

Yellow (0%)

Black (93%)



Cyan (100%)

Magenta (98%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000413 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 000413 by changing the saturation by 10% instead.

■ 000413

■ 000413

■ E2E5F3

■ 000000

■ 30333D

■ 464954

■ 5E616D

■ 777A86

■ 9093A0

■ ABAEBB

■ C6C9D7

■ 000413

■ 020513

■ 040713

■ 060813

■ 080A13

■ 0A0B13

■ 0B0D13

■ 0D0E13

■ 0F1013

■ 111113

Harmonies

Analogous

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



000713



000413



0A0110

Triad

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



000413



130000



000800

Complementary

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



000413



130F00

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.



000800



000413



0D0200

Square

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



000413



150001



030500



000908

Rectangle

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



000413



10000D



030500



000800

Sweetspot

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



000413



12131A



00130F



08090D



8C8C8C



0D0D0D

Same Dimension

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



000413



00051A



050013



09090A



00104A



002AC9

Inverse Universe

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



130004



1A0005



0E1300



0A0909



4A0010



C9002A

Previews

White Background



This preview shows how the Hex color 000413 looks on a white background.

Color Contrast Check

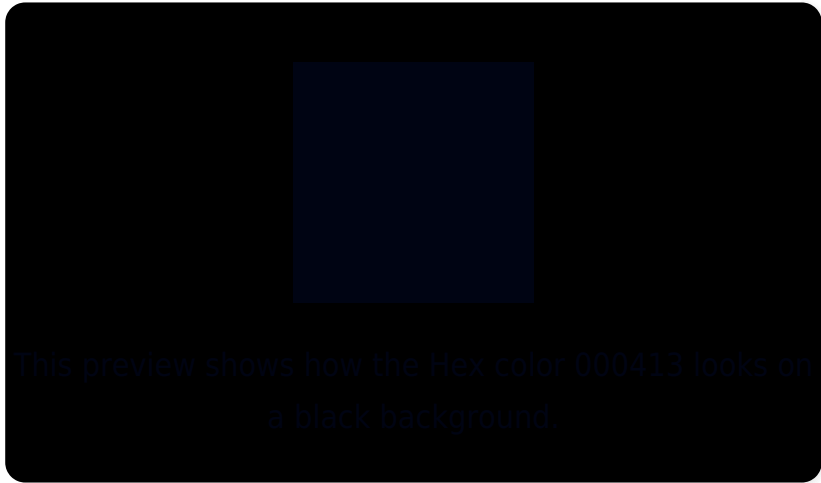
Large Text (above 18pt) WCAG AA ✓ Pass

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

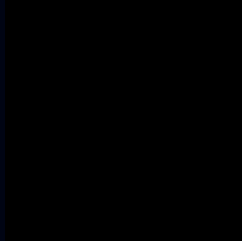
Any Text WCAG AA × Fail

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 000413 Background



This preview shows how black text looks on a background with the Hex color 000413.



This preview shows how white text looks on a background with the Hex color 000413.

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
000413

Protanopia
00060D

Deuteranopia
00070B

Trichromacy



Original Color

000413

Protanomaly

00050F

Deuteranomaly

00060E

Monochromacy



Original Color

000413

Achromatopsia

050505

Achromatomaly

03050A

CSS Examples

Text

The CSS property to change the color of the text to Hex 000413 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 #000413 looks like.

```
.text, #text, p{  
    color:#000413  
}
```

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 #000413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000413
}
```

Border

The CSS property to change the border of an element to Hex 000413 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
#000413 }
```

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

```
.border{ border-color:#000413 }
```

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

Here you see how a box with a 4 pixel #000413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000413; -webkit-box-shadow:4px 4px  
4px 4px #000413; box-shadow:4px 4px 4px  
4px #000413 }
```

Background

The CSS property to change the background color of an element to Hex 000413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000413 }
```

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

```
.background{ background-color:#000413 }
```

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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