

Converting Colors

Hex(041448)

Have a look what the booklet for
Hex(041448) contains.

Hex(041448)	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(041448)

Conversions

Conversions Part 1

Format	Color
Hex	041448
RGB	4, 20, 72
RGB Percent	2%, 8%, 28%
CMY	0.9843, 0.9216, 0.7176
CMYK	0.94, 0.72, 0.00, 0.72
HSL	226°, 89%, 15%
HSV	226°, 94%, 28%
XYZ	1.4699, 0.9940, 6.2453
YIQ	21.1440, -26.2280, 12.7800

Conversions

Conversions Part 2

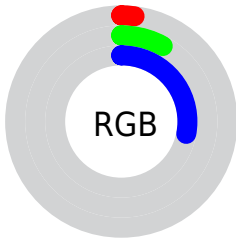
Format	Color
R_{YB}	4, 17, 72
Decimal	267336
CIE _{Lab}	8.94, 17.07, -34.13
CIE _{LCh}	9, 38.158, 296.568
Yxy	0.9940, 0.1688, 0.1141
Android (android.graphics.Color)	4278457416 (0xFF041448)
YUV	21.1440, 25.0720, -15.0353
Hunter-Lab	9.9700, 8.8697, -30.1608

Details

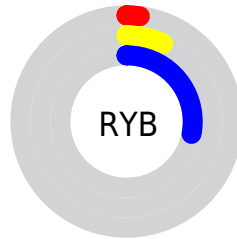
The Hex color **041448** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **483804**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3D3E79**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **001148**, and if you desaturate by 10%, it is **0B1A48**.

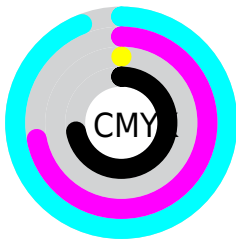
Distribution



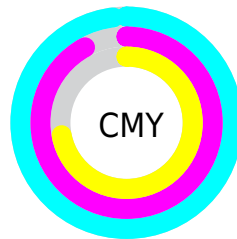
- Red (2%)
- Green (8%)
- Blue (28%)



- Red (2%)
- Yellow (7%)
- Blue (28%)



- Cyan (94%)
- Magenta (72%)
- Yellow (0%)
- Black (72%)



- Cyan (98%)
- Magenta (92%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 041448 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 041448 by changing the saturation by 10% instead.

■ 041448

■ 041448

■ FCF4FF

■ 000031

■ 3D3E79

■ 00011B

■ 575593

■ 000000

■ 716DAE

■ 8B87CA

■ A6A1E6

■ C2BCFF

■ DFD7FF

■ 041448

■ 041448

■ 001148

■ 0B1A48

■ 121F48

■ 1A2548

■ 212A48

■ 283048

■ 2F3548

■ 363B48

■ 3E4048

■ 454648

Harmonies

Analogous

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



001E4D



041448



330136

Triad

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



041448



360A00



002515

Complementary

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



041448



483804

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.



002300



041448



241800

Square

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



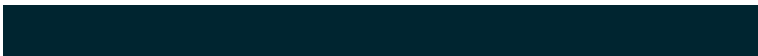
041448



420000



061F00



002530

Rectangle

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



041448



3F0026



061F00



002509

Sweetspot

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



041448



444A5E



044837



202430



B0B0B0



303030

Same Dimension

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



041448



00165E



150448



202124



001763



0035E3

Inverse Universe

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



480414



5E0016



374804



242021



630017



E30035

Previews

White Background



This preview shows how the Hex color 041448 looks on a white background.

Color Contrast Check

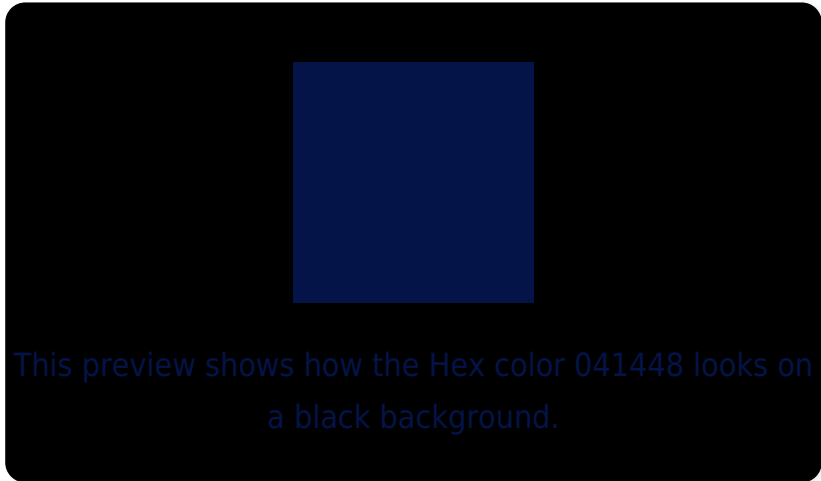
Large Text (above 18pt) WCAG AA ✓ Pass

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

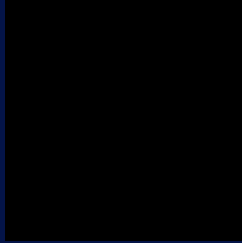
Any Text WCAG AA × Fail

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 041448 Background



This preview shows how black text looks on a background with the Hex color 041448.



This preview shows how white text looks on a background with the Hex color 041448.

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
041448

Protanopia
001A37

Deuteranopia
001C2F



Tritanopia
001E1F

Trichromacy



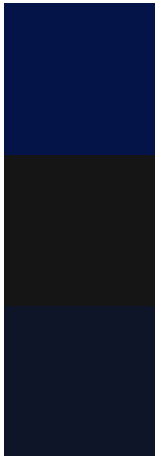
Original Color
041448

Protanomaly
01183D

Deuteranomaly
011938

Tritanomaly
011A2E

Monochromacy



Original Color
041448

Achromatopsia
151515

Achromatomaly
0F1528

CSS Examples

Text

The CSS property to change the color of the text to Hex 041448 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 #041448 looks like.

```
.text, #text, p{  
    color:#041448  
}
```

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 #041448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041448
}
```

Border

The CSS property to change the border of an element to Hex 041448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

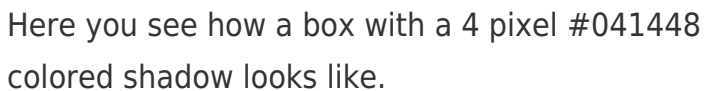
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#041448 }
```

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

```
.border{ border-color:#041448 }
```

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



Here you see how a box with a 4 pixel #041448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041448; -webkit-box-shadow:4px 4px  
4px 4px #041448; box-shadow:4px 4px 4px  
4px #041448 }
```

Background

The CSS property to change the background color of an element to Hex 041448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041448 }
```

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

```
.background{ background-color:#041448 }
```

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