

Converting Colors

Hex(041A41)

Have a look what the booklet for
Hex(041A41) contains.

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Color

Hex(041A41)

Conversions

Conversions Part 1

Format	Color
Hex	041A41
RGB	4, 26, 65
RGB Percent	2%, 10%, 25%
CMY	0.9843, 0.8980, 0.7451
CMYK	0.94, 0.60, 0.00, 0.75
HSL	218°, 88%, 14%
HSV	218°, 94%, 25%
XYZ	1.3736, 1.1463, 5.1499
YIQ	23.8680, -25.6310, 7.4650

Conversions

Conversions Part 2

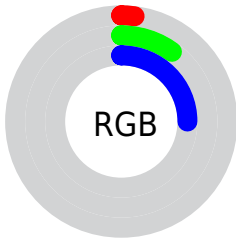
Format	Color
R_{YB}	4, 20, 65
Decimal	268865
CIE Lab	10.15, 9.05, -27.23
CIE LCh	10, 28.699, 288.388
Yxy	1.1463, 0.1791, 0.1495
Android (android.graphics.Color)	4278458945 (0xFF041A41)
YUV	23.8680, 20.2781, -17.4242
Hunter-Lab	10.7063, 4.1651, -21.0248

Details

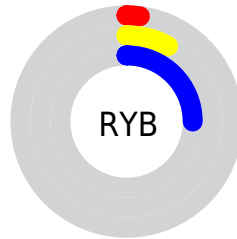
The Hex color **041A41** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **412B04**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3A4571**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **001741**, and if you desaturate by 10%, it is **0B1E41**.

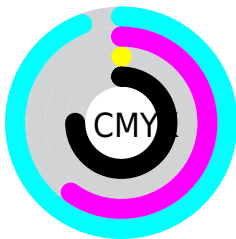
Distribution



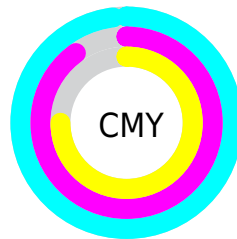
- Red (2%)
- Green (10%)
- Blue (25%)



- Red (2%)
- Yellow (8%)
- Blue (25%)



- Cyan (94%)
- Magenta (60%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 041A41 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 041A41 by changing the saturation by 10% instead.

041A41

041A41

F6FCFF

00002B

3A4571

000115

535C8B

000000

6C74A5

868EC1

A1A8DD

BDC4F9

D9DFFF

041A41

041A41

■ 001741

■ 0B1E41

■ 112241

■ 182641

■ 1E2B41

■ 252F41

■ 2B3341

■ 323741

■ 383B41

■ 3F3F41

Harmonies

Analogous

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



002042



041A41



2B1036

Triad

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



041A41



370F00



002513

Complementary

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



041A41



412B04

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.



002200



041A41



2A1800

Square

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



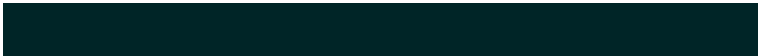
041A41



3D0510



191E00



002527

Rectangle

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



041A41



36082A



191E00



00240A

Sweetspot

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



041A41



3D4554



04412B



1D222B



ABABAB



2B2B2B

Same Dimension

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



041A41



001E54



0C0441



1E1F21



002361



0051E0

Inverse Universe

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



41041A



54001E



394104



211E1F



610023



E00051

Previews

White Background



This preview shows how the Hex color 041A41 looks on a white background.

Color Contrast Check

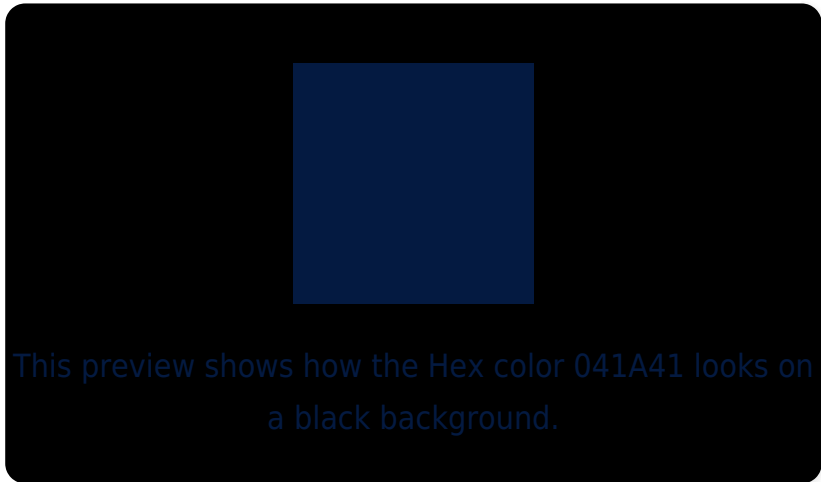
Large Text (above 18pt) WCAG AA ✓ Pass

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

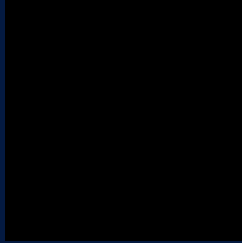
Any Text WCAG AA × Fail

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 041A41 Background



This preview shows how black text looks on a background with the Hex color 041A41.



This preview shows how white text looks on a background with the Hex color 041A41.

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
041A41

Protanopia
001C3B

Deuteranopia
001E32

Trichromacy



Original Color
041A41

Protanomaly
011B3D

Deuteranomaly
011D37

Tritanomaly
011E2D

Monochromacy



Original Color
041A41

Achromatopsia
181818

Achromatomaly
111927

CSS Examples

Text

The CSS property to change the color of the text to Hex 041A41 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 #041A41 looks like.

```
.text, #text, p{  
    color:#041A41  
}
```

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 #041A41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041A41
}
```

Border

The CSS property to change the border of an element to Hex 041A41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

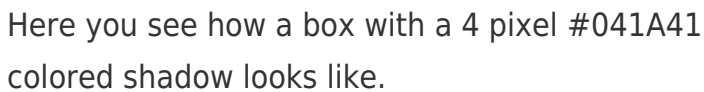
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#041A41 }
```

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

```
.border{ border-color:#041A41 }
```

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



Here you see how a box with a 4 pixel #041A41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041A41; -webkit-box-shadow:4px 4px  
4px 4px #041A41; box-shadow:4px 4px 4px  
4px #041A41 }
```

Background

The CSS property to change the background color of an element to Hex 041A41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041A41 }
```

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

```
.background{ background-color:#041A41 }
```

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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