

Converting Colors

Hex(041D1C)

Have a look what the booklet for
Hex(041D1C) contains.

Hex(041D1C)	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(041D1C)

Conversions

Conversions Part 1

Format	Color
Hex	041D1C
RGB	4, 29, 28
RGB Percent	2%, 11%, 11%
CMY	0.9843, 0.8863, 0.8902
CMYK	0.86, 0.00, 0.03, 0.89
HSL	178°, 76%, 6%
HSV	178°, 86%, 11%
XYZ	0.6990, 0.9884, 1.2525
YIQ	21.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

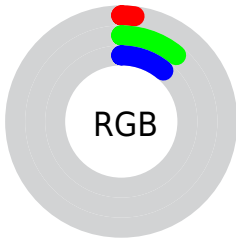
Format	Color
R_{YB}	4, 17, 29
Decimal	269596
CIE _{Lab}	8.89, -9.70, -2.23
CIE _{LCh}	9, 9.954, 192.928
Yxy	0.9884, 0.2378, 0.3362
Android (android.graphics.Color)	4278459676 (0xFF041D1C)
YUV	21.4110, 3.2484, -15.2694
Hunter-Lab	9.9417, -4.8471, -0.5106

Details

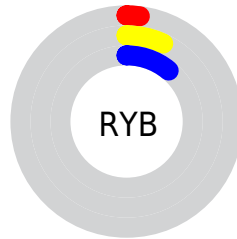
The Hex color **041D1C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1D0405**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **304947**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **011D1C**, and if you desaturate by 10%, it is **071D1C**.

Distribution



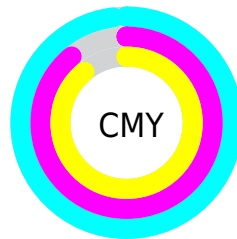
- Red (2%)
- Green (11%)
- Blue (11%)



- Red (2%)
- Yellow (7%)
- Blue (11%)



- Cyan (86%)
- Magenta (0%)
- Yellow (3%)
- Black (89%)



- Cyan (98%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 041D1C 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 041D1C by changing the saturation by 10% instead.

■ 041D1C

■ 041D1C

■ E5FFFF

■ 000001

■ 304947

■ 000000

■ 47605F

■ 5F7978

■ 789391

■ 92AEAC

■ ADC9C7

■ C9E5E3

■ 041D1C

■ 041D1C

■ 011D1C

■ 071D1C

■ 001D1C

■ 0A1D1C

■ 0D1D1C

■ 101D1C

■ 131D1D

■ 151D1D

■ 181D1D

■ 1B1D1D

■ 1E1D1D

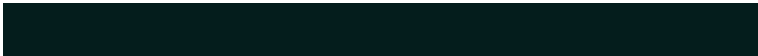
Harmonies

Analogous

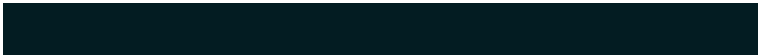
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0B1D15



041D1C



031C22

Triad

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



041D1C



1E1723



221709

Complementary

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



041D1C



1D0405

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.



25150F



041D1C



24151D

Square

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



041D1C



151926



261417



1C1A09

Rectangle

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



041D1C



071C25



261417



23170B

Sweetspot

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



041D1C



1C2626



051D04



0E1414



949494



141414

Same Dimension

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



041D1C



002625



04121D



0E0F0F



004F4C



00CFC6

Inverse Universe

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



1D0405



260002



1D0F04



0F0E0E



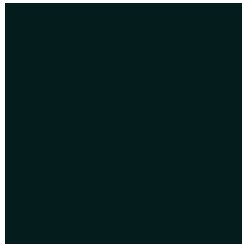
4F0003



CF0008

Previews

White Background



This preview shows how the Hex color 041D1C looks on a white background.

Color Contrast Check

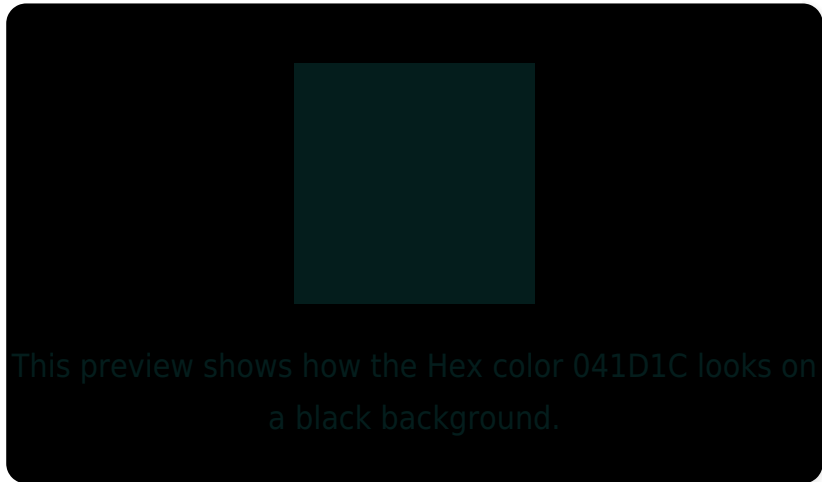
Large Text (above 18pt) WCAG AA ✓ Pass

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

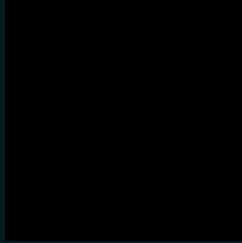
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

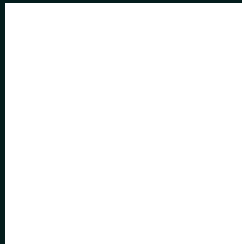
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 041D1C Background



This preview shows how black text looks on a background with the Hex color 041D1C.



This preview shows how white text looks on a background with the Hex color 041D1C.

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
041D1C

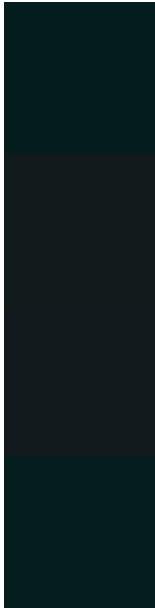
Protanopia
1A1A1A

Deuteranopia
1B191D



Tritanopia
071D1F

Trichromacy



Original Color
041D1C

Protanomaly
121B1B

Deuteranomaly
131A1D

Tritanomaly
061D1E

Monochromacy



Original Color
041D1C

Achromatopsia
151515

Achromatomaly
0F1818

CSS Examples

Text

The CSS property to change the color of the text to Hex 041D1C 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 #041D1C looks like.

```
.text, #text, p{  
  color:#041D1C  
}
```

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 #041D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041D1C
}
```

Border

The CSS property to change the border of an element to Hex 041D1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

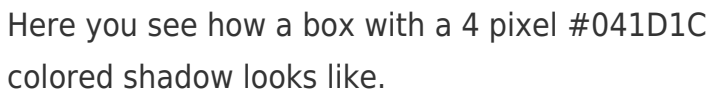
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#041D1C }
```

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

```
.border{ border-color:#041D1C }
```

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



Here you see how a box with a 4 pixel #041D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041D1C; -webkit-box-shadow:4px 4px  
4px 4px #041D1C; box-shadow:4px 4px 4px  
4px #041D1C }
```

Background

The CSS property to change the background color of an element to Hex 041D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041D1C }
```

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

```
.background{ background-color:#041D1C }
```

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