

Converting Colors

Hex(040C13)

Have a look what the booklet for
Hex(040C13) contains.

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Color

Hex(040C13)

Conversions

Conversions Part 1

Format	Color
Hex	040C13
RGB	4, 12, 19
RGB Percent	2%, 5%, 7%
CMY	0.9843, 0.9529, 0.9255
CMYK	0.79, 0.37, 0.00, 0.93
HSL	208°, 65%, 5%
HSV	208°, 79%, 7%
XYZ	0.2991, 0.3358, 0.6651
YIQ	10.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

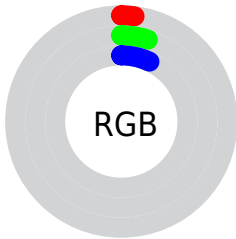
Format	Color
R _Y B	4, 9, 19
Decimal	265235
CIE Lab	3.03, -0.82, -4.28
CIE LCh	3, 4.363, 259.144
Yxy	0.3358, 0.2301, 0.2583
Android (android.graphics.Color)	4278455315 (0xFF040C13)
YUV	10.4060, 4.2368, -5.6181
Hunter-Lab	5.7946, -0.9274, -2.7495

Details

The Hex color **040C13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **130B04**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **32383D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020B13**, and if you desaturate by 10%, it is **060D13**.

Distribution



Red (2%)

Green (5%)

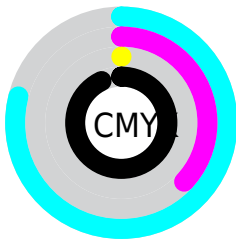
Blue (7%)



Red (2%)

Yellow (4%)

Blue (7%)

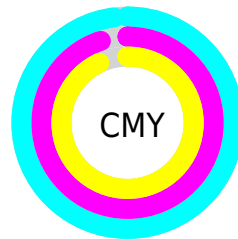


Cyan (79%)

Magenta (37%)

Yellow (0%)

Black (93%)



Cyan (98%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040C13 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 040C13 by changing the saturation by 10% instead.

■ 040C13

■ 040C13

■ E5ECF3

■ 000000

■ 32383D

■ 494E54

■ 61666D

■ 797F86

■ 9399A0

■ AEB4BB

■ C9D0D7

■ 040C13

■ 040C13

■ 020B13

■ 060D13

■ 000A13

■ 080E13

■ 0A0F13

■ 0C1013

■ 0E1013

■ 0F1113

■ 111213

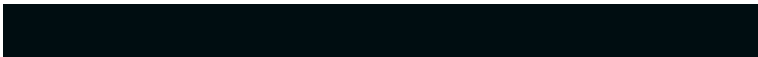
■ 131313

■ 151413

Harmonies

Analogous

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



000D11



040C13



0A0A13

Triad

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



040C13



140808



060D04

Complementary

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



040C13



130B04

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.



0C0C01



040C13



140903

Square

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



040C13



13080D



110A01



010E09

Rectangle

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



040C13



0E0912



110A01



080D03

Sweetspot

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



040C13



13171A



04130B



090B0D



8C8C8C



0D0D0D

Same Dimension

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



040C13



010E1A



040413



090A0A



00274A



006BC9

Inverse Universe

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



13040C



1A010E



131304



0A090A



4A0027



C9006B

Previews

White Background



This preview shows how the Hex color 040C13 looks on a white background.

Color Contrast Check

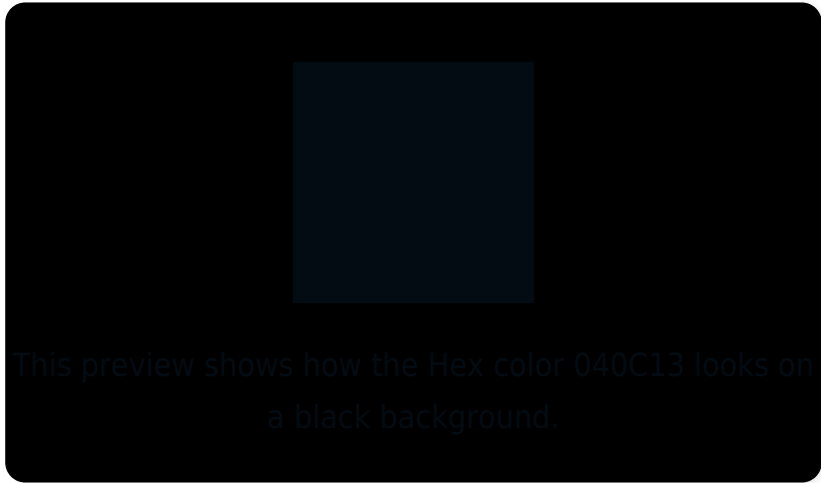
Large Text (above 18pt) WCAG AA ✓ Pass

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

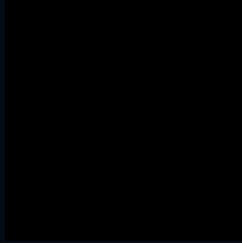
Any Text WCAG AA × Fail

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 040C13 Background



This preview shows how black text looks on a background with the Hex color 040C13.



This preview shows how white text looks on a background with the Hex color 040C13.

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
040C13

Protanopia
090B12

Deuteranopia
070C13



Tritanopia
000D0E

Trichromacy



Original Color
040C13

Protanomaly
070B12

Deuteranomaly
060C13

Tritanomaly
010D10

Monochromacy



Original Color
040C13

Achromatopsia
0A0A0A

Achromatomaly
080B0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 040C13 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 #040C13 looks like.

```
.text, #text, p{  
    color:#040C13  
}
```

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 #040C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040C13
}
```

Border

The CSS property to change the border of an element to Hex 040C13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

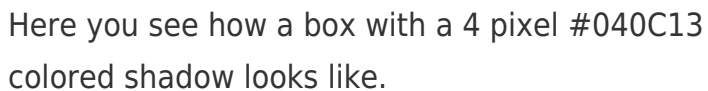
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040C13 }
```

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

```
.border{ border-color:#040C13 }
```

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



Here you see how a box with a 4 pixel #040C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040C13; -webkit-box-shadow:4px 4px  
4px 4px #040C13; box-shadow:4px 4px 4px  
4px #040C13 }
```

Background

The CSS property to change the background color of an element to Hex 040C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040C13 }
```

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

```
.background{ background-color:#040C13 }
```

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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