

Converting Colors

Hex(030717)

Have a look what the booklet for
Hex(030717) contains.

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Color

Hex(030717)

Conversions

Conversions Part 1

Format	Color
Hex	030717
RGB	3, 7, 23
RGB Percent	1%, 3%, 9%
CMY	0.9882, 0.9725, 0.9098
CMYK	0.87, 0.70, 0.00, 0.91
HSL	228°, 77%, 5%
HSV	228°, 87%, 9%
XYZ	0.2682, 0.2332, 0.8415
YIQ	7.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

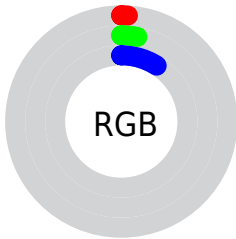
Format	Color
RYB	3, 6, 23
Decimal	198423
CIELab	2.11, 1.91, -8.40
CIELCh	2, 8.618, 282.785
Yxy	0.2332, 0.1997, 0.1736
Android (android.graphics.Color)	4278388503 (0xFF030717)
YUV	7.6280, 7.5784, -4.0588
Hunter-Lab	4.8289, 1.4631, -6.9518

Details

The Hex color **030717** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171303**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **313541**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010517**, and if you desaturate by 10%, it is **050917**.

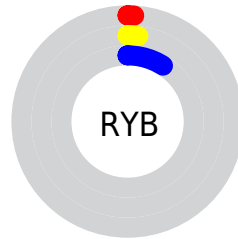
Distribution



Red (1%)

Green (3%)

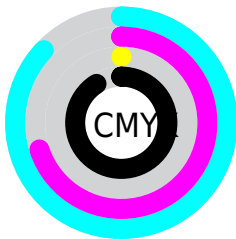
Blue (9%)



Red (1%)

Yellow (2%)

Blue (9%)

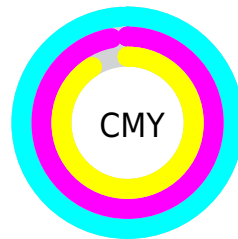


Cyan (87%)

Magenta (70%)

Yellow (0%)

Black (91%)



Cyan (99%)

Magenta (97%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030717 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 030717 by changing the saturation by 10% instead.

■ 030717

■ 030717

■ E4E8F8

■ 000000

■ 313541

■ 484B59

■ 606371

■ 787C8B

■ 9296A5

■ ADB0C0

■ C8CCDC

■ 030717

■ 030717

■ 010517

■ 050917

■ 000517

■ 080B17

■ 0A0D17

■ 0C0E17

■ 0E1017

■ 111217

■ 131417

■ 151617

■ 181817

Harmonies

Analogous

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



000A17



030717



0F0414

Triad

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



030717



170200



000D01

Complementary

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



030717



171303

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.



000C00



030717



110500

Square

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



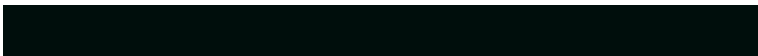
030717



190103



070900



000E0C

Rectangle

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



030717



140210



070900



000D00

Sweetspot

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



030717



17181F



031713



0B0C0F



8F8F8F



0F0F0F

Same Dimension

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



030717



00061F



090317



0B0C0D



000F4D



0029CC

Inverse Universe

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



170307



1F0006



111703



0D0B0C



4D000F



CC0029

Previews

White Background



This preview shows how the Hex color 030717 looks on a white background.

Color Contrast Check

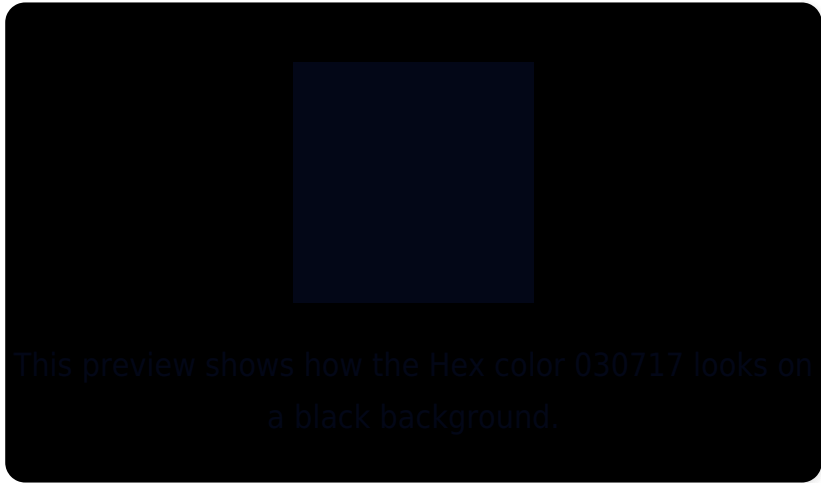
Large Text (above 18pt) WCAG AA ✓ Pass

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

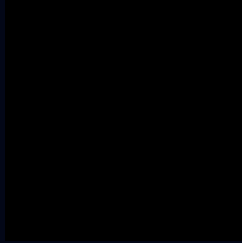
Any Text WCAG AA × Fail

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 030717 Background



This preview shows how black text looks on a background with the Hex color 030717.



This preview shows how white text looks on a background with the Hex color 030717.

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](#).

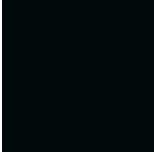
Dichromacy



Original Color
030717

Protanopia
000912

Deuteranopia
000910



Tritanopia
000A0B

Trichromacy



Original Color

030717

Protanomaly

010814

Deuteranomaly

010813

Tritanomaly

01090F

Monochromacy



Original Color

030717

Achromatopsia

080808

Achromatomaly

06080D

CSS Examples

Text

The CSS property to change the color of the text to Hex 030717 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 #030717 looks like.

```
.text, #text, p{  
    color:#030717  
}
```

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 #030717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030717
}
```

Border

The CSS property to change the border of an element to Hex 030717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

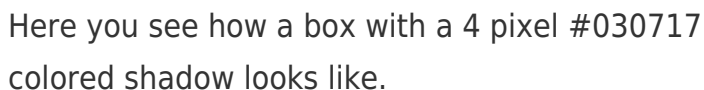
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#030717 }
```

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

```
.border{ border-color:#030717 }
```

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



Here you see how a box with a 4 pixel #030717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030717; -webkit-box-shadow:4px 4px  
4px 4px #030717; box-shadow:4px 4px 4px  
4px #030717 }
```

Background

The CSS property to change the background color of an element to Hex 030717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030717 }
```

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

```
.background{ background-color:#030717 }
```

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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