

Converting Colors

Hex(038C17)

Have a look what the booklet for
Hex(038C17) contains.

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Color

Hex(038C17)

Conversions

Conversions Part 1

Format	Color
Hex	038C17
RGB	3, 140, 23
RGB Percent	1%, 55%, 9%
CMY	0.9882, 0.4510, 0.9098
CMYK	0.98, 0.00, 0.84, 0.45
HSL	129°, 96%, 28%
HSV	129°, 98%, 55%
XYZ	9.5703, 18.8374, 3.9422
YIQ	85.6990, -44.0950, -65.4310

Conversions

Conversions Part 2

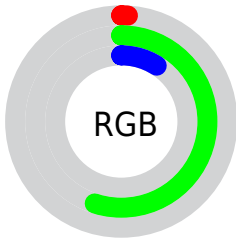
Format	Color
RYB	3, 123, 140
Decimal	232471
CIELab	50.50, -54.01, 48.48
CIELCh	50, 72.580, 138.086
Yxy	18.8374, 0.2958, 0.5823
Android (android.graphics.Color)	4278422551 (0xFF038C17)
YUV	85.6990, -30.9106, -72.5270
Hunter-Lab	43.4021, -36.5938, 24.9962

Details

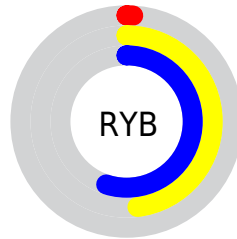
The Hex color **038C17** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8C0378**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **56C34E**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **008C14**, and if you desaturate by 10%, it is **118C23**.

Distribution



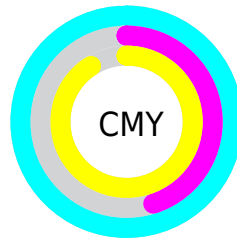
- Red (1%)
- Green (55%)
- Blue (9%)



- Red (1%)
- Yellow (48%)
- Blue (55%)



- Cyan (98%)
- Magenta (0%)
- Yellow (84%)
- Black (45%)



- Cyan (99%)
- Magenta (45%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 038C17 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 038C17 by changing the saturation by 10% instead.



038C17



038C17

FFFFFF



007200



56C34E



005800



73DF68



003F00



90FC83



002900



ADFF9E



000300



CBFFB9



000000



E9FFD6



FFFFFF3



038C17



038C17

■ 008C14

■ 118C23

■ 1F8C2F

■ 2D8C3B

■ 3B8C47

■ 498C53

■ 578C5F

■ 658C6B

■ 738C77

■ 818C83

Harmonies

Analogous

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



6F8100



038C17



00915C

Triad

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



038C17



0087F2



E32D56

Complementary

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



038C17



8C0378

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.



D82F94



038C17



2573EF

Square

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



038C17



0090D4



A853CC



CF4F19

Rectangle

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



038C17



009388



A853CC



E3276A

Sweetspot

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



038C17



81B588



7A8C03



3C5C40



DBDBDB



5C5C5C

Same Dimension

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



038C17



00B51A



038C5A



3E453F



008513



000501

Inverse Universe

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



8C0378



B5009B



8C0335



453E44



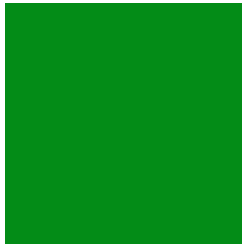
850071



050004

Previews

White Background



This preview shows how the Hex color 038C17 looks on a white background.

Color Contrast Check

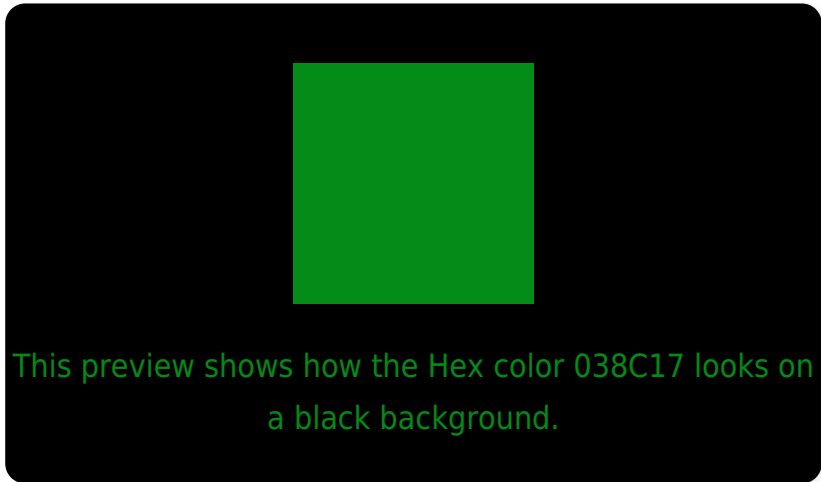
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 038C17 Background



This preview shows how black text looks on a background with the Hex color 038C17.




This preview shows how white text looks on a background with the Hex color 038C17.

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





Tritanopia
3A828D

Trichromacy



Original Color
038C17



Protanomaly
577F13



Deuteranomaly
617B20



Tritanomaly
268662

Monochromacy



Original Color
038C17



Achromatopsia
565656



Achromatomaly
386A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 038C17 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 #038C17 looks like.

```
.text, #text, p{  
    color:#038C17  
}
```

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 #038C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038C17  
}
```

Border

The CSS property to change the border of an element to Hex 038C17 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  
#038C17 }
```

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

```
.border{ border-color:#038C17 }
```

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

Here you see how a box with a 4 pixel #038C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038C17; -webkit-box-shadow:4px 4px  
4px 4px #038C17; box-shadow:4px 4px 4px  
4px #038C17 }
```

Background

The CSS property to change the background color of an element to Hex 038C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038C17 }
```

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

```
.background{ background-color:#038C17 }
```

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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