

Converting Colors

Hex(038B2E)

Have a look what the booklet for
Hex(038B2E) contains.

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Color

Hex(038B2E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 038B2E |
| RGB | 3, 139, 46 |
| RGB Percent | 1%, 55%, 18% |
| CMY | 0.9882, 0.4549, 0.8196 |
| CMYK | 0.98, 0.00, 0.67, 0.45 |
| HSL | 139°, 96%, 28% |
| HSV | 139°, 98%, 55% |
| XYZ | 9.7633, 18.6819, 5.6761 |
| YIQ | 87.7340, -51.2030, -57.7550 |

Conversions

Conversions Part 2

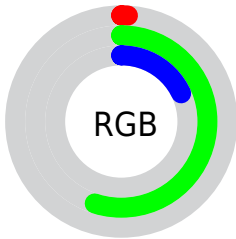
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 3, 106, 139 |
| Decimal | 232238 |
| CIELab | 50.31, -51.67, 39.62 |
| CIELCh | 50, 65.108, 142.517 |
| Yxy | 18.6819, 0.2861, 0.5475 |
| Android (android.graphics.Color) | 4278422318 (0xFF038B2E) |
| YUV | 87.7340, -20.5749, -74.3117 |
| Hunter-Lab | 43.2225, -35.3189, 22.4696 |

Details

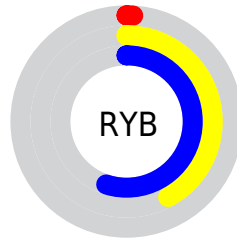
The Hex color **038B2E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8B0360**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54C260**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **008B2C**, and if you desaturate by 10%, it is **118B38**.

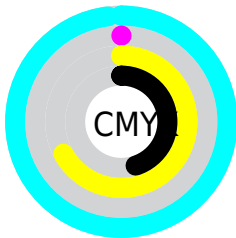
Distribution



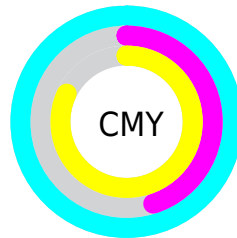
- Red (1%)
- Green (55%)
- Blue (18%)



- Red (1%)
- Yellow (42%)
- Blue (55%)



- Cyan (98%)
- Magenta (0%)
- Yellow (67%)
- Black (45%)



- Cyan (99%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 038B2E 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 038B2E by changing the saturation by 10% instead.



038B2E



038B2E

FFFFFF



007114



54C260



005700



71DE7A



003F00



8EFB94



002900



ABFFB0



000200



C8FFCC



000000



E6FFE8



038B2E



038B2E



008B2C



118B38

 1F8B41

 2D8B4B

 3B8B54

 498B5E

 568B67

 648B71

 728B7A

 808B84

Harmonies

Analogous

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



688100



038B2E



009068

Triad

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



038B2E



0083E6



D83F51

Complementary

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



038B2E



8B0360

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.



D23B88



038B2E



556FDF

Square

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



038B2E



008DCF



AC54BC



C3581C

Rectangle

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



038B2E



00918E



AC54BC



D93A63

Sweetspot

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



038B2E



81B591



628B03



3C5C46



DBDBDB



5C5C5C

Same Dimension

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



038B2E



00B539



038B70



3E4540



00852A



000502

Inverse Universe

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



8B0360



B5007C



8B031E



453E43



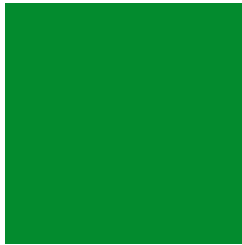
85005B



050003

Previews

White Background



This preview shows how the Hex color 038B2E looks on a white background.

Color Contrast Check

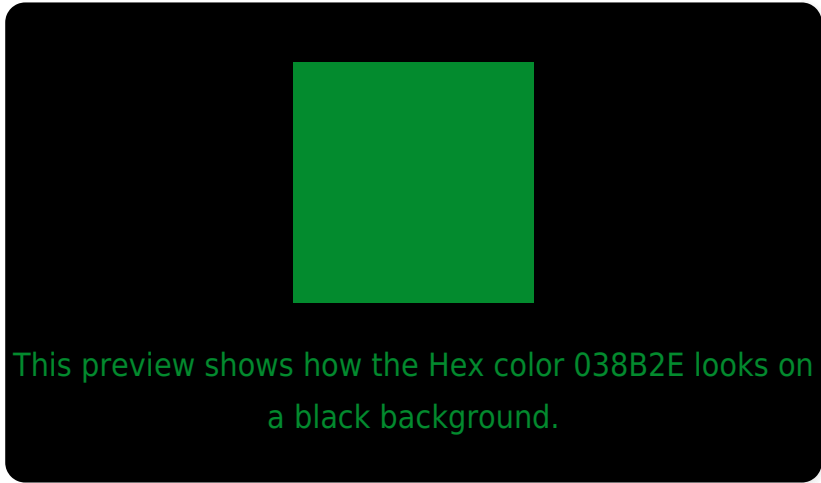
Large Text (above 18pt) WCAG AA ✓ Pass

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 038B2E Background



This preview shows how black text looks on a background with the Hex color 038B2E.



This preview shows how white text looks on a background with the Hex color 038B2E.

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
038B2E

Protanopia
857729

Deuteranopia
937136



Tritanopia
38828C

Trichromacy



Original Color
038B2E



Protanomaly
567E2B



Deuteranomaly
5F7A33



Tritanomaly
25856A

Monochromacy



Original Color
038B2E



Achromatopsia
585858



Achromatomaly
396B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 038B2E 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 #038B2E looks like.

```
.text, #text, p{  
    color:#038B2E  
}
```

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 #038B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038B2E
}
```

Border

The CSS property to change the border of an element to Hex 038B2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

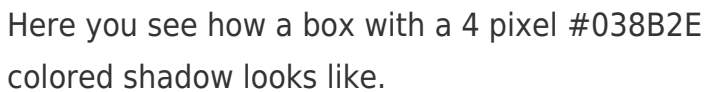
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#038B2E }
```

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

```
.border{ border-color:#038B2E }
```

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



Here you see how a box with a 4 pixel #038B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038B2E; -webkit-box-shadow:4px 4px  
4px 4px #038B2E; box-shadow:4px 4px 4px  
4px #038B2E }
```

Background

The CSS property to change the background color of an element to Hex 038B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038B2E }
```

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

```
.background{ background-color:#038B2E }
```

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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