

Converting Colors

Hex(038A41)

Have a look what the booklet for
Hex(038A41) contains.

Hex(038A41)	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(038A41)

Conversions

Conversions Part 1

Format	Color
Hex	038A41
RGB	3, 138, 65
RGB Percent	1%, 54%, 25%
CMY	0.9882, 0.4588, 0.7451
CMYK	0.98, 0.00, 0.53, 0.46
HSL	148°, 96%, 28%
HSV	148°, 98%, 54%
XYZ	10.0802, 18.5780, 8.0557
YIQ	89.3130, -57.0270, -51.3230

Conversions

Conversions Part 2

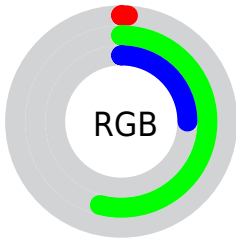
Format	Color
RYB	3, 96, 138
Decimal	232001
CIELab	50.19, -48.63, 30.16
CIELCh	50, 57.222, 148.193
Yxy	18.5780, 0.2746, 0.5060
Android (android.graphics.Color)	4278422081 (0xFF038A41)
YUV	89.3130, -11.9863, -75.6965
Hunter-Lab	43.1022, -33.6836, 19.0904

Details

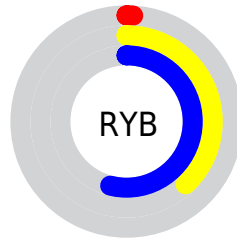
The Hex color **038A41** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8A034C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53C172**, and **005612** is the 20% darker color. If you saturate the color by 10%, you get **008A3F**, and if you desaturate by 10%, it is **118A48**.

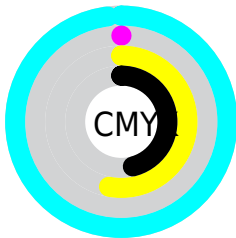
Distribution



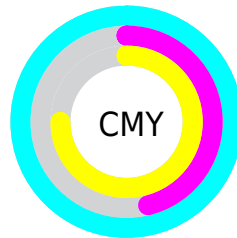
- Red (1%)
- Green (54%)
- Blue (25%)



- Red (1%)
- Yellow (38%)
- Blue (54%)



- Cyan (98%)
- Magenta (0%)
- Yellow (53%)
- Black (46%)




- Cyan (99%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 038A41 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 038A41 by changing the saturation by 10% instead.

 038A41

 038A41

FFFFFF

 007029

 53C172

 005612

 70DD8C

 003E00

 8DFAA7

 002800

 A9FFC3

 000100

 C7FFDF

 000000

 E4FFFB

 038A41

 038A41

 008A3F

 118A48

 1F8A50

 2C8A57

 3A8A5F

 488A66

 568A6E

 648A75

 718A7D

 7F8A84

Harmonies

Analogous

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



628213



038A41



008E73

Triad

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



038A41



007ED9



CC4D4C

Complementary

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



038A41



8A034C

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.



CB467C



038A41



706CCE

Square

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



038A41



0089CA



AF55AC



B66122

Rectangle

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



038A41



008E94



AF55AC



CE485C

Sweetspot

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



038A41



7FB397



4D8A03



3A5948



D9D9D9



595959

Same Dimension

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



038A41



00B352



038A83



3E4541



00853D



000502

Inverse Universe

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



8A034C



B30061



8A030A



453E42



850048



050003

Previews

White Background



This preview shows how the Hex color 038A41 looks on a white background.

Color Contrast Check

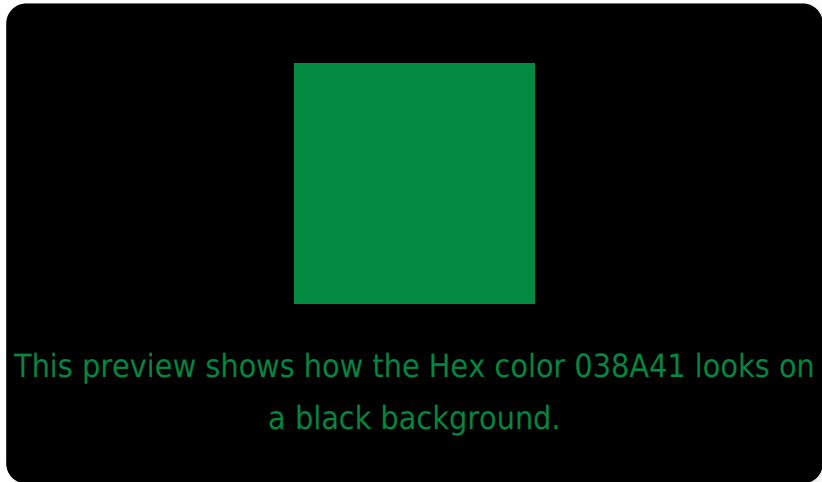
Large Text (above 18pt) WCAG AA ✓ Pass

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 038A41 Background



This preview shows how black text looks on a background with the Hex color 038A41.



This preview shows how white text looks on a background with the Hex color 038A41.

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
038A41

Protanopia
83773B

Deuteranopia
907147



Tritanopia
36828C

Trichromacy



Original Color
038A41



Protanomaly
547E3D



Deuteranomaly
5D7A45



Tritanomaly
238571

Monochromacy



Original Color
038A41



Achromatopsia
595959



Achromatomaly
3A6B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 038A41 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 #038A41 looks like.

```
.text, #text, p{  
    color:#038A41  
}
```

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 #038A41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038A41
}
```

Border

The CSS property to change the border of an element to Hex 038A41 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
#038A41 }
```

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

```
.border{ border-color:#038A41 }
```

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

Here you see how a box with a 4 pixel #038A41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038A41; -webkit-box-shadow:4px 4px  
4px 4px #038A41; box-shadow:4px 4px 4px  
4px #038A41 }
```

Background

The CSS property to change the background color of an element to Hex 038A41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038A41 }
```

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

```
.background{ background-color:#038A41 }
```

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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