

Converting Colors

Decimal(339018)

Have a look what the booklet for
Decimal(339018) contains.

Decimal(339018)	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

Decimal(339018)

Conversions

Conversions Part 1

Format	Color
Hex	052C4A
RGB	5, 44, 74
RGB Percent	2%, 17%, 29%
CMY	0.9804, 0.8275, 0.7098
CMYK	0.93, 0.41, 0.00, 0.71
HSL	206°, 87%, 15%
HSV	206°, 93%, 29%
XYZ	2.1993, 2.3280, 6.8120
YIQ	35.7590, -32.8740, 1.0620

Conversions

Conversions Part 2

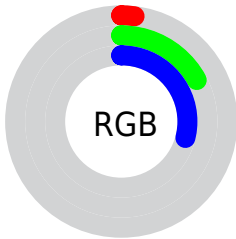
Format	Color
RYB	5, 30, 74
Decimal	339018
CIELab	17.12, -0.29, -22.29
CIELCh	17, 22.291, 269.256
Yxy	2.3280, 0.1940, 0.2053
Android (android.graphics.Color)	4278529098 (0xFF052C4A)
YUV	35.7590, 18.8528, -26.9756
Hunter-Lab	15.2579, -0.9721, -15.7899

Details

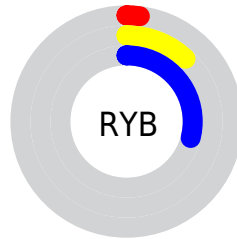
The Decimal color **339018** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4858629**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **4020603**, and **542** is the 20% darker color. If you saturate the color by 10%, you get **10826**, and if you desaturate by 10%, it is **798538**.

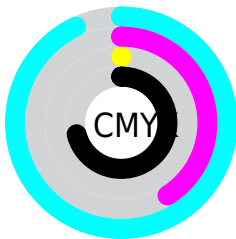
Distribution



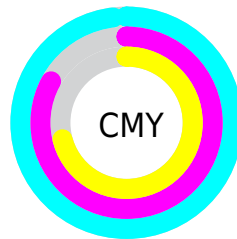
- Red (2%)
- Green (17%)
- Blue (29%)



- Red (2%)
- Yellow (12%)
- Blue (29%)



- Cyan (93%)
- Magenta (41%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 339018 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 Decimal color 339018 by changing the saturation by 10% instead.

■ 339018 ■ 339018

■ 16515071 ■ 6195

■ 4020603 ■ 542

■ 5665429 ■ 0

■ 7375792

■ 9151947

■ 10928359

■ 12705023

■ 14612991

■ 339018 ■ 339018

■ 10826

■ 798538

■ 1323594

■ 1783370

■ 2308426

■ 2767946

■ 3227466

■ 3752778

■ 4212298

■ 4737354

Harmonies

Analogous

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



12357



339018



2762310

Triad

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



339018



4660763



930073

Complementary

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



339018



4858629

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.



2305548



339018



4203278

Square

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



339018



4660267



3418374



12841

Rectangle

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



339018



3678783



3418374



1454100

Sweetspot

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



339018



4609377



346659



2107696



11579568



3158064

Same Dimension

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



339018



14177



330314



2237734



14950



33510

Inverse Universe

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



4850988



6357047



4867333



2499109



6684730



15073410

Previews

White Background



This preview shows how the Decimal color 339018 looks on a white background.

Color Contrast Check

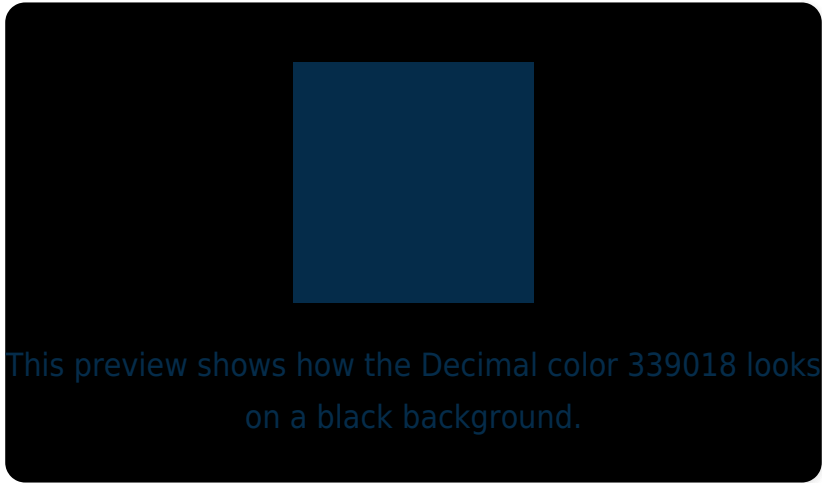
Large Text (above 18pt) WCAG AA ✓ Pass

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

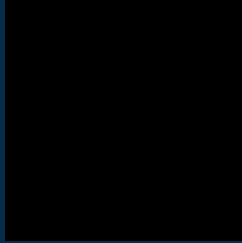
Any Text WCAG AA × Fail

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](#).

Decimal 339018 Background



This preview shows how black text looks on a background with the Decimal color 339018.



This preview shows how white text looks on a background with the Decimal color 339018.

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
339018

Protanopia
1976904

Deuteranopia
1125194

Trichromacy



Original Color
339018

Protanomaly
1387337

Deuteranomaly
863050

Tritanomaly
142907

Monochromacy



Original Color
339018

Achromatopsia
2368548

Achromatomaly
1648434

CSS Examples

Text

The CSS property to change the color of the text to Decimal 339018 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 #052C4A looks like.

```
.text, #text, p{  
    color:#052C4A  
}
```

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 #052C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052C4A
}
```

Border

The CSS property to change the border of an element to Decimal 339018 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
#052C4A }
```

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

```
.border{ border-color:#052C4A }
```

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

Here you see how a box with a 4 pixel #052C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052C4A; -webkit-box-shadow:4px 4px  
4px 4px #052C4A; box-shadow:4px 4px 4px  
4px #052C4A }
```

Background

The CSS property to change the background color of an element to Decimal 339018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052C4A }
```

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

```
.background{ background-color:#052C4A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor