

# Converting Colors

Hex(00372E)

Have a look what the booklet for  
Hex(00372E) contains.

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# Color

**Hex(00372E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00372E
RGB	0, 55, 46
RGB Percent	0%, 22%, 18%
CMY	1.0000, 0.7843, 0.8196
CMYK	1.00, 0.00, 0.16, 0.78
HSL	170°, 100%, 11%
HSV	170°, 100%, 22%
XYZ	1.8593, 2.9296, 3.0522
YIQ	37.5290, -29.8910, -14.4590

# Conversions

## Conversions Part 2

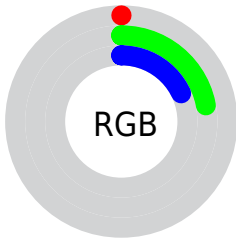
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 30, 55
Decimal	14126
CIELab	19.76, -19.41, 0.90
CIELCh	20, 19.435, 177.346
Yxy	2.9296, 0.2371, 0.3736
Android (android.graphics.Color)	4278204206 (0xFF00372E)
YUV	37.5290, 4.1762, -32.9129
Hunter-Lab	17.1162, -10.5628, 1.4084

# Details

The Hex color **00372E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **370009**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **36665C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00372E**, and if you desaturate by 10%, it is **05372F**.

# Distribution



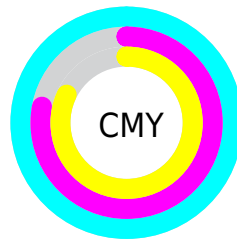
- Red (0%)
- Green (22%)
- Blue (18%)



- Red (0%)
- Yellow (12%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00372E 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 00372E by changing the saturation by 10% instead.



 00372E

 00372E

 F1FFFF

 002219

 36665C

 000000

 4E8074

 689A8E

 82B5A8

 9CD0C3

 B8EDDF

 D4FFFC

 00372E

■ 05372F

■ 0B3730

■ 113731

■ 163732

■ 1C3733

■ 213733

■ 273734

■ 2C3735

■ 323736

# Harmonies

## Analogous

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



1A3620



00372E



00373C

# Triad

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



00372E



2F2D49



442918

# Complementary

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



00372E



370009

# 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.



4A2524



00372E



40273F

# Square

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



00372E



15324C



492432



3A2F13

# Rectangle

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



00372E



003644



492432



47281C



# Sweetspot

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



00372E



324744



093700



172422



A3A3A3



242424



# Same Dimension

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



00372E



00473C



002537



191C1C



005C4D



00DBB7



# Inverse Universe

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



370009



47000C



371200



1C191A



5C000F



DB0024



# Previews

## White Background



This preview shows how the Hex color 00372E looks on a white background.

## Color Contrast Check

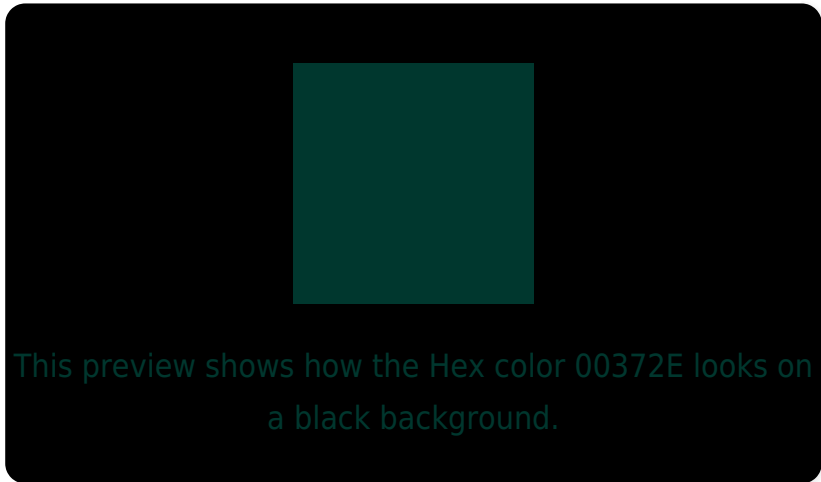
Large Text (above 18pt) WCAG AA ✓ Pass

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 00372E Background



This preview shows how black text looks on a background with the Hex color 00372E.



This preview shows how white text looks on a background with the Hex color 00372E.

# 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](#).

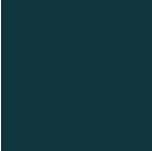
## Dichromacy



**Original Color**  
00372E

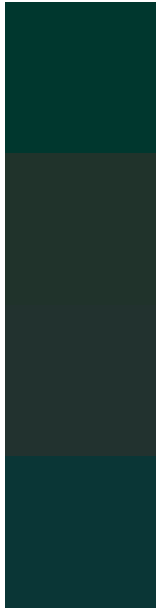
**Protanopia**  
33302A

**Deuteranopia**  
352F30



**Tritanopia**  
10353A

# Trichromacy



**Original Color**  
00372E

**Protanomaly**  
20332B

**Deuteranomaly**  
22322F

**Tritanomaly**  
0A3636

# Monochromacy



**Original Color**  
00372E

**Achromatopsia**  
262626

**Achromatomaly**  
182C29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00372E 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 #00372E looks like.

```
.text, #text, p{  
    color:#00372E  
}
```

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 #00372E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00372E
}
```

## Border

The CSS property to change the border of an element to Hex 00372E 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".

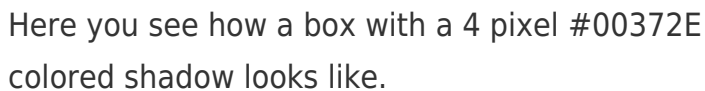
```
.border, #border, table{ border:4px solid
#00372E }
```

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

```
.border{ border-color:#00372E }
```

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

Here you see how a box with a 4 pixel #00372E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00372E; -webkit-box-shadow:4px 4px  
4px 4px #00372E; box-shadow:4px 4px 4px  
4px #00372E }
```

# Background

The CSS property to change the background color of an element to Hex 00372E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00372E }
```

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

```
.background{ background-color:#00372E }
```

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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