

Converting Colors

Hex(03632E)

Have a look what the booklet for
Hex(03632E) contains.

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Color

Hex(03632E)

Conversions

Conversions Part 1

Format	Color
Hex	03632E
RGB	3, 99, 46
RGB Percent	1%, 39%, 18%
CMY	0.9882, 0.6118, 0.8196
CMYK	0.97, 0.00, 0.54, 0.61
HSL	147°, 94%, 20%
HSV	147°, 97%, 39%
XYZ	4.9925, 9.1403, 4.0859
YIQ	64.2540, -40.2030, -36.8350

Conversions

Conversions Part 2

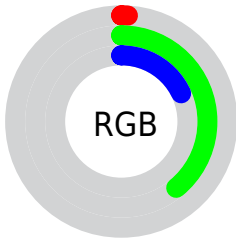
Format	Color
R_{YB}	3, 69, 99
Decimal	221998
CIE _{Lab}	36.25, -37.97, 23.13
CIE _{LCh}	36, 44.466, 148.652
Yxy	9.1403, 0.2740, 0.5017
Android (android.graphics.Color)	4278412078 (0xFF03632E)
YUV	64.2540, -8.9992, -53.7198
Hunter-Lab	30.2329, -23.4309, 13.1502

Details

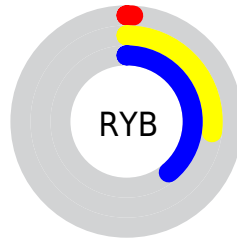
The Hex color **03632E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630338**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **46975D**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **00632C**, and if you desaturate by 10%, it is **0D6333**.

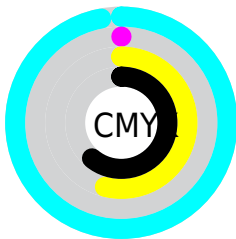
Distribution



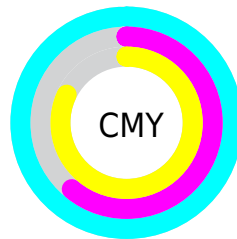
- Red (1%)
- Green (39%)
- Blue (18%)



- Red (1%)
- Yellow (27%)
- Blue (39%)



- Cyan (97%)
- Magenta (0%)
- Yellow (54%)
- Black (61%)



- Cyan (99%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03632E 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 03632E by changing the saturation by 10% instead.

03632E

03632E

FFFFFF

004A18

46975D

003300

61B276

001E00

7CCE90

000000

98EAAB

B4FFC6

D0FFE2

EDFFFF

03632E

03632E

■ 00632C

■ 0D6333

■ 176339

■ 21633E

■ 2B6344

■ 356349

■ 3E634F

■ 486354

■ 52635A

■ 5C635F

Harmonies

Analogous

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



455D0D



03632E



006652

Triad

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



03632E



005A9D



933635

Complementary

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



03632E



630338

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.



933158



03632E



514C94

Square

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



03632E



006292



7E3C7B



834516

Rectangle

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



03632E



00666B



7E3C7B



953341

Sweetspot

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



03632E



5B806B



396303



294033



BFBFBF



404040

Same Dimension

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



03632E



008039



03635D



2C302E



007032



00F06B

Inverse Universe

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



630338



800046



630309



302C2E



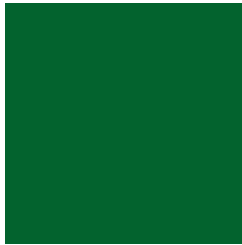
70003E



F00084

Previews

White Background



This preview shows how the Hex color 03632E looks on a white background.

Color Contrast Check

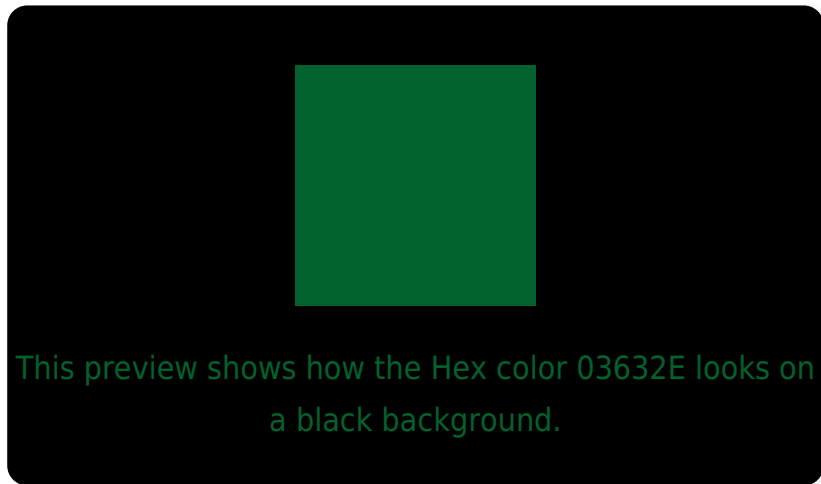
Large Text (above 18pt) WCAG AA ✓ Pass

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 03632E Background



This preview shows how black text looks on a background with the Hex color 03632E.



This preview shows how white text looks on a background with the Hex color 03632E.

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
03632E

Protanopia
5E5529

Deuteranopia
675133



Tritanopia
275D65

Trichromacy



Original Color
03632E

Protanomaly
3D5A2B

Deuteranomaly
435831

Tritanomaly
1A5F51

Monochromacy



Original Color
03632E

Achromatopsia
404040

Achromatomaly
2A4D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 03632E 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 #03632E looks like.

```
.text, #text, p{  
    color:#03632E  
}
```

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 #03632E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03632E
}
```

Border

The CSS property to change the border of an element to Hex 03632E 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".

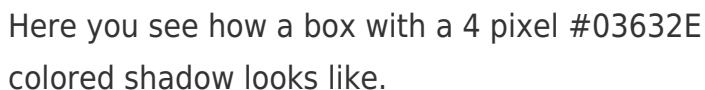
```
.border, #border, table{ border:4px solid
#03632E }
```

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

```
.border{ border-color:#03632E }
```

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

Here you see how a box with a 4 pixel #03632E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03632E; -webkit-box-shadow:4px 4px  
4px 4px #03632E; box-shadow:4px 4px 4px  
4px #03632E }
```

Background

The CSS property to change the background color of an element to Hex 03632E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03632E }
```

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

```
.background{ background-color:#03632E }
```

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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