

# Converting Colors

Hex(00632E)

Have a look what the booklet for  
Hex(00632E) contains.

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# Color

Hex(00632E)

# Conversions

## Conversions Part 1

Format	Color
Hex	00632E
RGB	0, 99, 46
RGB Percent	0%, 39%, 18%
CMY	1.0000, 0.6118, 0.8196
CMYK	1.00, 0.00, 0.54, 0.61
HSL	148°, 100%, 19%
HSV	148°, 100%, 39%
XYZ	4.9550, 9.1209, 4.0841
YIQ	63.3570, -41.9910, -37.4710

# Conversions

## Conversions Part 2

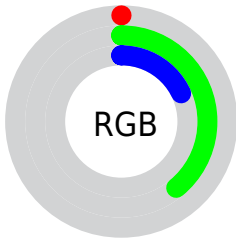
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 99
Decimal	25390
CIELab	36.22, -38.29, 23.08
CIELCh	36, 44.704, 148.918
Yxy	9.1209, 0.2729, 0.5023
Android (android.graphics.Color)	4278215470 (0xFF00632E)
YUV	63.3570, -8.5570, -55.5641
Hunter-Lab	30.2009, -23.5655, 13.1227

# Details

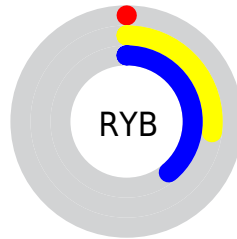
The Hex color **00632E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630035**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **45975D**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **00632E**, and if you desaturate by 10%, it is **0A6333**.

# Distribution



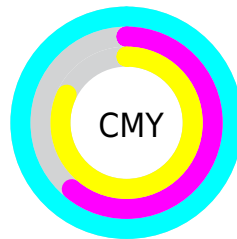
- Red (0%)
- Green (39%)
- Blue (18%)



- Red (0%)
- Yellow (27%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00632E 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 00632E by changing the saturation by 10% instead.



 00632E

 00632E

FFFFFF

 004A18

 45975D

 003300

 60B276

 001E00

 7BCE90

 000000

 97EAAB

 B3FFC6

 CFFFE2

 ECFFFF

 00632E

 0A6333

 146339

 1E633E

 286343

 326349

 3B634E

 456353

 4F6358

 59635E

# Harmonies

## Analogous

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



445D0D



00632E



006653

# Triad

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



00632E



005A9D



933635

# Complementary

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



00632E



630035

# 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



00632E



524C94

# Square

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



00632E



006292



7F3C7B



834516

# Rectangle

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



00632E



00666B



7F3C7B



953340



# Sweetspot

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



00632E



59806B



366300



294033



BFBFBF



404040



# Same Dimension

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



00632E



00803B



00635E



2C302E



007034



00F06F



# Inverse Universe

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



630035



800044



630005



302C2E



70003C



F00080



# Previews

## White Background



This preview shows how the Hex color 00632E looks on a white background.

## Color Contrast Check

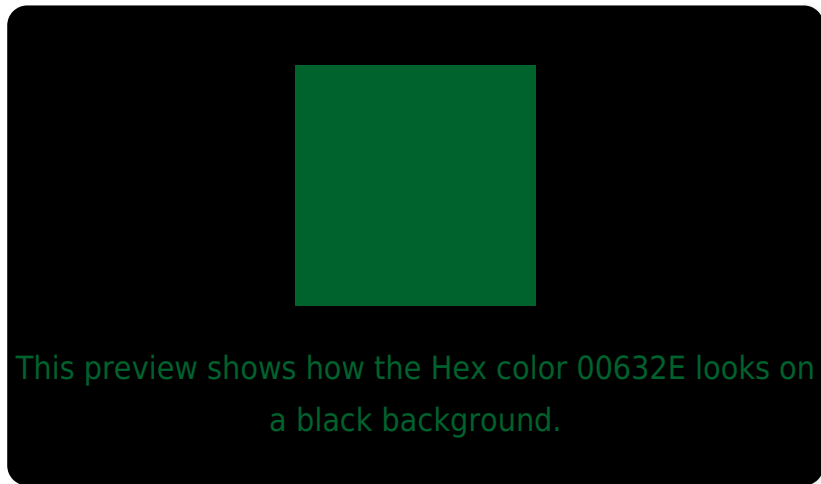
Large Text (above 18pt) WCAG AA ✓ Pass

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 00632E Background



This preview shows how black text looks on a background with the Hex color 00632E.



This preview shows how white text looks on a background with the Hex color 00632E.

# 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**  
00632E

**Protanopia**  
5E5529

**Deuteranopia**  
675133



**Tritanopia**  
265D65

# Trichromacy



**Original Color**  
00632E



**Protanomaly**  
3C5A2B



**Deuteranomaly**  
425831



**Tritanomaly**  
185F51

# Monochromacy



**Original Color**  
00632E



**Achromatopsia**  
3F3F3F



**Achromatomaly**  
284C39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00632E 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 #00632E looks like.

```
.text, #text, p{  
    color:#00632E  
}
```

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 #00632E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00632E
}
```

## Border

The CSS property to change the border of an element to Hex 00632E 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".

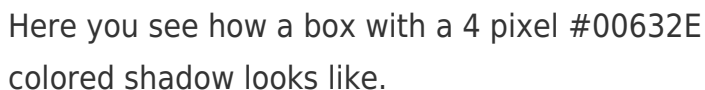
```
.border, #border, table{ border:4px solid
#00632E }
```

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

```
.border{ border-color:#00632E }
```

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

Here you see how a box with a 4 pixel #00632E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00632E; -webkit-box-shadow:4px 4px  
4px 4px #00632E; box-shadow:4px 4px 4px  
4px #00632E }
```

# Background

The CSS property to change the background color of an element to Hex 00632E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00632E }
```

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

```
.background{ background-color:#00632E }
```

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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