

Converting Colors

Hex(00632D)

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

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Color

Hex(00632D)

Conversions

Conversions Part 1

Format	Color
Hex	00632D
RGB	0, 99, 45
RGB Percent	0%, 39%, 18%
CMY	1.0000, 0.6118, 0.8235
CMYK	1.00, 0.00, 0.55, 0.61
HSL	147°, 100%, 19%
HSV	147°, 100%, 39%
XYZ	4.9355, 9.1131, 3.9815
YIQ	63.2430, -41.6700, -37.7820

Conversions

Conversions Part 2

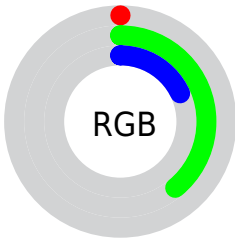
Format	Color
RYB	0, 68, 99
Decimal	25389
CIELab	36.20, -38.47, 23.62
CIELCh	36, 45.140, 148.450
Yxy	9.1131, 0.2737, 0.5054
Android (android.graphics.Color)	4278215469 (0xFF00632D)
YUV	63.2430, -8.9938, -55.4641
Hunter-Lab	30.1880, -23.6456, 13.3118

Details

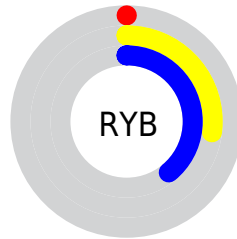
The Hex color **00632D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630036**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **45975C**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **00632D**, and if you desaturate by 10%, it is **0A6332**.

Distribution



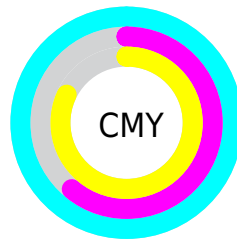
- Red (0%)
- Green (39%)
- Blue (18%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (61%)



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

Brightness & Saturation Gradients

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

 00632D

 00632D

FFFFFF

 004A17

 45975C

 003300

 60B275

 001E00

 7BCE8F

 000000

 97EAA9

 B3FFC5

 CFFFE1

 ECFFFE

 00632D

■ 0A6332

■ 146338

■ 1E633D

■ 286343

■ 326348

■ 3B634D

■ 456353

■ 4F6358

■ 59635E

Harmonies

Analogous

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



455D0B



00632D



006652

Triad

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



00632D



005A9E



943535

Complementary

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



00632D



630036

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.



943059



00632D



504C95

Square

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



00632D



006293



7F3C7C



844415

Rectangle

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



00632D



00666B



7F3C7C



963240

Sweetspot

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



00632D



59806B



366300



294033



BFBFBF



404040

Same Dimension

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



00632D



00803A



00635E



2C302E



007033



00F06D

Inverse Universe

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



630036



800046



630005



302C2E



70003D



F00083

Previews

White Background



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

Color Contrast Check

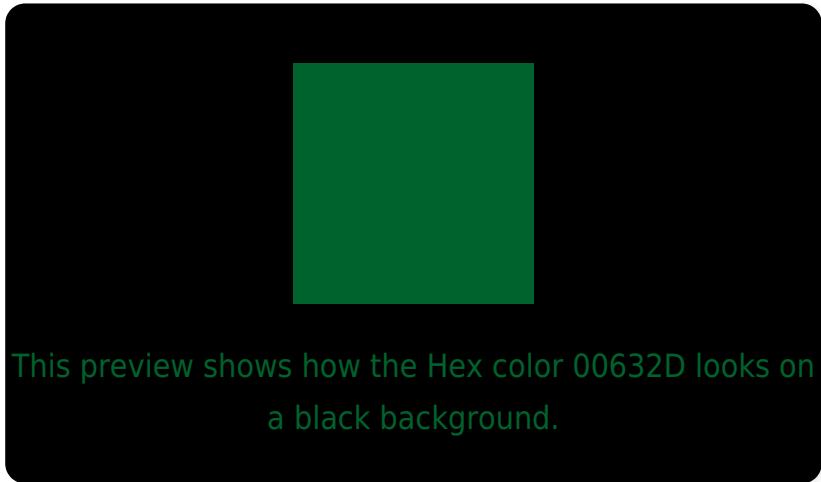
Large Text (above 18pt) WCAG AA ✓ Pass

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 00632D Background



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



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

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
00632D

Protanopia
5E5529

Deuteranopia
685132



Tritanopia
275D65

Trichromacy



Original Color
00632D



Protanomaly
3C5A2A



Deuteranomaly
425830



Tritanomaly
195F51

Monochromacy



Original Color
00632D



Achromatopsia
3F3F3F



Achromatomaly
284C38

CSS Examples

Text

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

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

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 #00632D colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 00632D 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
#00632D }
```

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

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

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

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

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

Background

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

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

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

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

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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