

Converting Colors

Hex(00612D)

Have a look what the booklet for
Hex(00612D) contains.

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Color

Hex(00612D)

Conversions

Conversions Part 1

Format	Color
Hex	00612D
RGB	0, 97, 45
RGB Percent	0%, 38%, 18%
CMY	1.0000, 0.6196, 0.8235
CMYK	1.00, 0.00, 0.54, 0.62
HSL	148°, 100%, 19%
HSV	148°, 100%, 38%
XYZ	4.7483, 8.7388, 3.9191
YIQ	62.0690, -41.1200, -36.7360

Conversions

Conversions Part 2

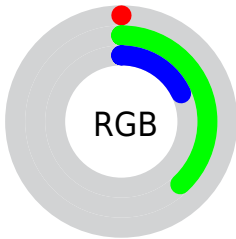
Format	Color
RYB	0, 66, 97
Decimal	24877
CIELab	35.48, -37.73, 22.72
CIELCh	35, 44.043, 148.948
Yxy	8.7388, 0.2728, 0.5021
Android (android.graphics.Color)	4278214957 (0xFF00612D)
YUV	62.0690, -8.4150, -54.4345
Hunter-Lab	29.5615, -23.0610, 12.8327

Details

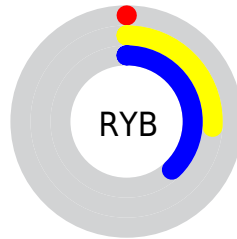
The Hex color **00612D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **610034**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **44955C**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **00612D**, and if you desaturate by 10%, it is **0A6132**.

Distribution



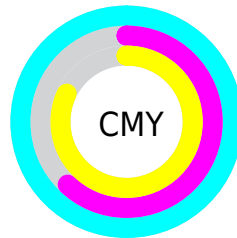
- Red (0%)
- Green (38%)
- Blue (18%)



- Red (0%)
- Yellow (26%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00612D 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 00612D by changing the saturation by 10% instead.

 00612D

 00612D

FFFFFF

 004917

 44955C

 003100

 5FB075

 001C00

 7ACB8F

 000000

 96E8A9

 B2FFC5

 CEFFE1

 EBFFFD

 00612D

■ 0A6132

■ 136137

■ 1D613D

■ 276142

■ 316147

■ 3A614C

■ 446151

■ 4E6157

■ 57615C

Harmonies

Analogous

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



435B0C



00612D



006451

Triad

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



00612D



00589A



903534

Complementary

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



00612D



610034

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.



903056



00612D



504B91

Square

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



00612D



00608F



7C3A78



804315

Rectangle

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



00612D



006469



7C3A78



92323F

Sweetspot

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



00612D



577D69



356100



294033



BFBFBF



404040

Same Dimension

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



00612D



007D3A



00615C



2C302E



007034



00F06F

Inverse Universe

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



610034



7D0043



610005



302C2E



70003C



F00080

Previews

White Background



This preview shows how the Hex color 00612D looks on a white background.

Color Contrast Check

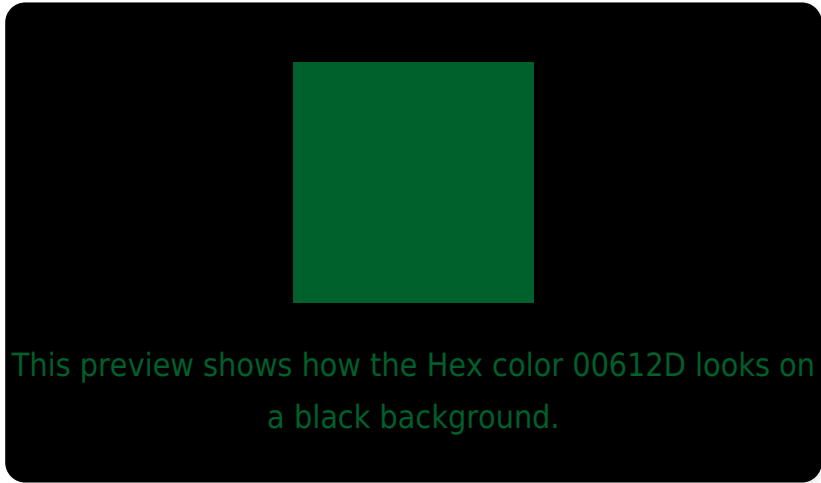
Large Text (above 18pt) WCAG AA ✓ Pass

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

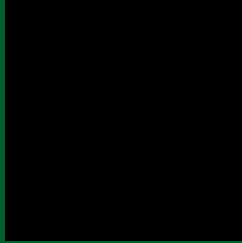
Any Text WCAG AA × Fail

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 00612D Background



This preview shows how black text looks on a background with the Hex color 00612D.



This preview shows how white text looks on a background with the Hex color 00612D.

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
00612D

Protanopia
5C5429

Deuteranopia
655032



Tritanopia
265B63

Trichromacy



Original Color
00612D



Protanomaly
3B592A



Deuteranomaly
405630



Tritanomaly
185D4F

Monochromacy



Original Color
00612D



Achromatopsia
3E3E3E



Achromatomaly
274B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 00612D 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 #00612D looks like.

```
.text, #text, p{  
    color:#00612D  
}
```

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 #00612D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00612D
}
```

Border

The CSS property to change the border of an element to Hex 00612D 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
#00612D }
```

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

```
.border{ border-color:#00612D }
```

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

Here you see how a box with a 4 pixel #00612D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00612D; -webkit-box-shadow:4px 4px  
4px 4px #00612D; box-shadow:4px 4px 4px  
4px #00612D }
```

Background

The CSS property to change the background color of an element to Hex 00612D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00612D }
```

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

```
.background{ background-color:#00612D }
```

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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