

Converting Colors

Hex(00612F)

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

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Color

Hex(00612F)

Conversions

Conversions Part 1

Format	Color
Hex	00612F
RGB	0, 97, 47
RGB Percent	0%, 38%, 18%
CMY	1.0000, 0.6196, 0.8157
CMYK	1.00, 0.00, 0.52, 0.62
HSL	149°, 100%, 19%
HSV	149°, 100%, 38%
XYZ	4.7878, 8.7546, 4.1268
YIQ	62.2970, -41.7620, -36.1140

Conversions

Conversions Part 2

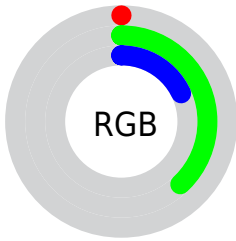
Format	Color
RYB	0, 65, 97
Decimal	24879
CIELab	35.51, -37.36, 21.62
CIELCh	36, 43.164, 149.935
Yxy	8.7546, 0.2710, 0.4955
Android (android.graphics.Color)	4278214959 (0xFF00612F)
YUV	62.2970, -7.5414, -54.6345
Hunter-Lab	29.5882, -22.8956, 12.4423

Details

The Hex color **00612F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **610032**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **44955E**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **00612F**, and if you desaturate by 10%, it is **0A6134**.

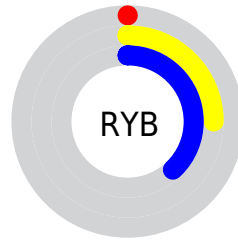
Distribution



Red (0%)

Green (38%)

Blue (18%)



Red (0%)

Yellow (25%)

Blue (38%)

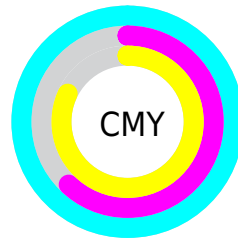


Cyan (100%)

Magenta (0%)

Yellow (52%)

Black (62%)



Cyan (100%)

Magenta (62%)

Yellow (82%)

Brightness & Saturation Gradients

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

 00612F

 00612F

FFFFFF

 004919

 44955E

 003100

 5FB077

 001C00

 7ACB91

 000000

 96E8AB

 B2FFC7

 CEFFE3

 EBFFFF


 00612F

 0A6134

 136139

 1D613E

 276143

 316148

 3A614D

 446152

 4E6157

 57615C

Harmonies

Analogous

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



425B10



00612F



006352

Triad

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



00612F



005899



8F3633

Complementary

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



00612F



610032

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.



903155



00612F



524A90

Square

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



00612F



00608F



7D3B77



7F4416

Rectangle

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



00612F



00646A



7D3B77



91333E

Sweetspot

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



00612F



577D6A



326100



294034



BFBFBF



404040

Same Dimension

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



00612F



007D3D



00615F



2C302E



007036



00F074

Inverse Universe

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



610032



7D0040



610002



302C2E



70003A



F0007C

Previews

White Background



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

Color Contrast Check

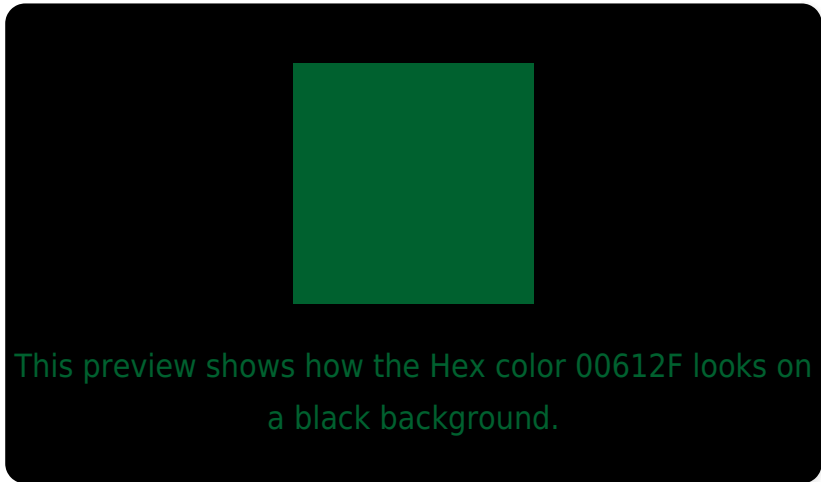
Large Text (above 18pt) WCAG AA ✓ Pass

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 00612F Background



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



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

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
00612F

Protanopia
5C542A

Deuteranopia
655033



Tritanopia
255B63

Trichromacy



Original Color
00612F



Protanomaly
3B592C



Deuteranomaly
405632



Tritanomaly
185D50

Monochromacy



Original Color
00612F



Achromatopsia
3E3E3E



Achromatomaly
274B39

CSS Examples

Text

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

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

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 #00612F colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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