

Converting Colors

Hex(00612A)

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

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Color

Hex(00612A)

Conversions

Conversions Part 1

Format	Color
Hex	00612A
RGB	0, 97, 42
RGB Percent	0%, 38%, 16%
CMY	1.0000, 0.6196, 0.8353
CMYK	1.00, 0.00, 0.57, 0.62
HSL	146°, 100%, 19%
HSV	146°, 100%, 38%
XYZ	4.6926, 8.7166, 3.6256
YIQ	61.7270, -40.1570, -37.6690

Conversions

Conversions Part 2

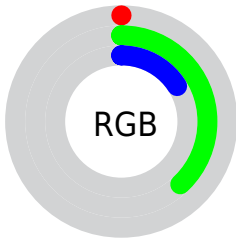
Format	Color
RYB	0, 68, 97
Decimal	24874
CIELab	35.43, -38.27, 24.33
CIELCh	35, 45.348, 147.548
Yxy	8.7166, 0.2755, 0.5117
Android (android.graphics.Color)	4278214954 (0xFF00612A)
YUV	61.7270, -9.7254, -54.1346
Hunter-Lab	29.5238, -23.2953, 13.3857

Details

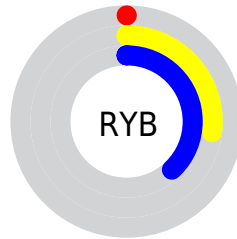
The Hex color **00612A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **610037**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **449559**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **00612A**, and if you desaturate by 10%, it is **0A6130**.

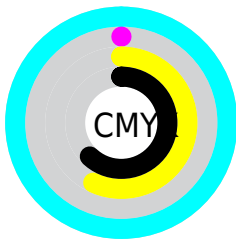
Distribution



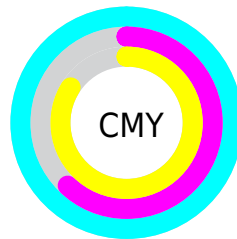
- Red (0%)
- Green (38%)
- Blue (16%)



- Red (0%)
- Yellow (27%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

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

 00612A

 00612A

FFFFFF

 004814

 449559

 003100

 60B072

 001B00

 7BCB8B

 000000

 96E8A6

 B2FFC1

 CEFFDD

 EBFFFA


 00612A

 0A6130

 136135

 1D613B

 276140

 316146

 3A614B

 446151

 4E6156

 57615B

Harmonies

Analogous

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



445B07



00612A



00644F

Triad

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



00612A



00599C



923334

Complementary

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



00612A



610037

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.



912E58



00612A



4C4B94

Square

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



00612A



006190



7C3A7B



824214

Rectangle

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



00612A



006468



7C3A7B



942F40

Sweetspot

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



00612A



577D68



396100



294033



BFBFBF



404040

Same Dimension

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



00612A



007D36



006159



2C302E



007031



00F068

Inverse Universe

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



610037



7D0047



610008



302C2E



700040



F00088

Previews

White Background



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

Color Contrast Check

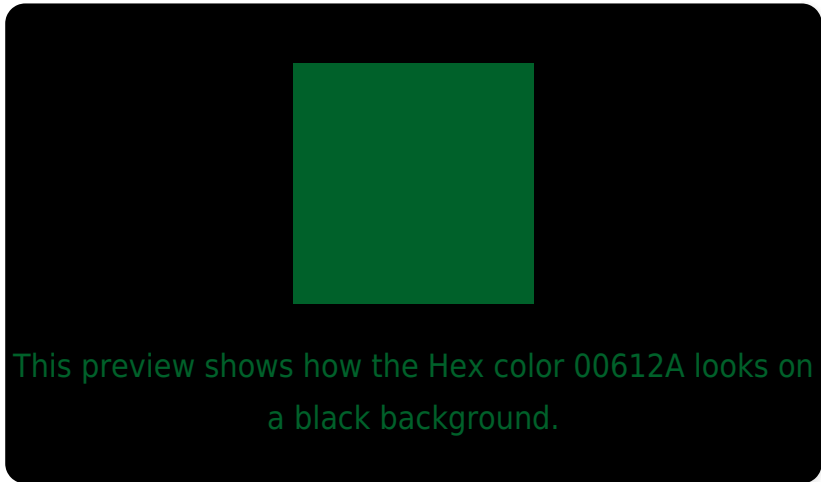
Large Text (above 18pt) WCAG AA ✓ Pass

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 00612A Background



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



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

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
00612A

Protanopia
5D5426

Deuteranopia
66502F

Trichromacy



Original Color
00612A



Protanomaly
3B5927



Deuteranomaly
41562D



Tritanomaly
185D4E

Monochromacy



Original Color
00612A



Achromatopsia
3E3E3E



Achromatomaly
274B37

CSS Examples

Text

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

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

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 #00612A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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