

Converting Colors

Hex(0C613A)

Have a look what the booklet for
Hex(0C613A) contains.

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Color

Hex(0C613A)

Conversions

Conversions Part 1

Format	Color
Hex	0C613A
RGB	12, 97, 58
RGB Percent	5%, 38%, 23%
CMY	0.9529, 0.6196, 0.7725
CMYK	0.88, 0.00, 0.40, 0.62
HSL	152°, 78%, 21%
HSV	152°, 88%, 38%
XYZ	5.1900, 8.9330, 5.4537
YIQ	67.1390, -38.1410, -30.1490

Conversions

Conversions Part 2

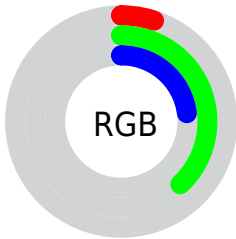
Format	Color
RYB	12, 67, 97
Decimal	811322
CIELab	35.86, -33.82, 15.68
CIELCh	36, 37.280, 155.125
Yxy	8.9330, 0.2651, 0.4563
Android (android.graphics.Color)	4279001402 (0xFF0C613A)
YUV	67.1390, -4.5055, -48.3569
Hunter-Lab	29.8882, -21.3081, 10.1031

Details

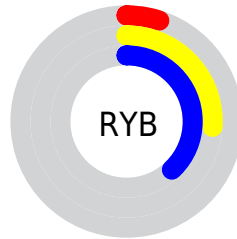
The Hex color **0C613A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **610C33**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **499469**, and **00310F** is the 20% darker color. If you saturate the color by 10%, you get **026136**, and if you desaturate by 10%, it is **16613E**.

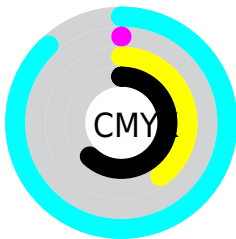
Distribution



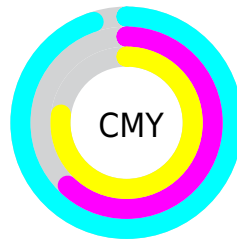
- Red (5%)
- Green (38%)
- Blue (23%)



- Red (5%)
- Yellow (26%)
- Blue (38%)



- Cyan (88%)
- Magenta (0%)
- Yellow (40%)
- Black (62%)



- Cyan (95%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C613A 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 0C613A by changing the saturation by 10% instead.

 0C613A

 0C613A

FFFFFF

 004924

 499469

 00310F

 63AF83

 001D00

 7ECB9D

 000000

 9AE7B8

 B5FFD4

 D2FFF0

 EFFFFFF

 0C613A

 0C613A

■ 026136

■ 16613E

■ 006134

■ 1F6143

■ 296147

■ 33614C

■ 3D6150

■ 466155

■ 506159

■ 5A615E

■ 636162

Harmonies

Analogous

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



415C20



0C613A



006359

Triad

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



0C613A



1E5690



883E34

Complementary

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



0C613A



610C33

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.



8A3950



0C613A



5C4A85

Square

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



0C613A



005E8A



7D3E6E



784A1D

Rectangle

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



0C613A



00636D



7D3E6E



8A3B3D

Sweetspot

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



0C613A



5C7D6E



34610C



2C4037



BFBFBF



404040

Same Dimension

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



0C613A



007D44



0C5E61



2C302E



00703D



00F082

Inverse Universe

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



610C33



7D0039



610F0C



302C2E



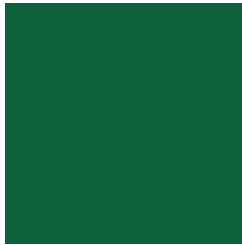
700033



F0006E

Previews

White Background



This preview shows how the Hex color 0C613A looks on a white background.

Color Contrast Check

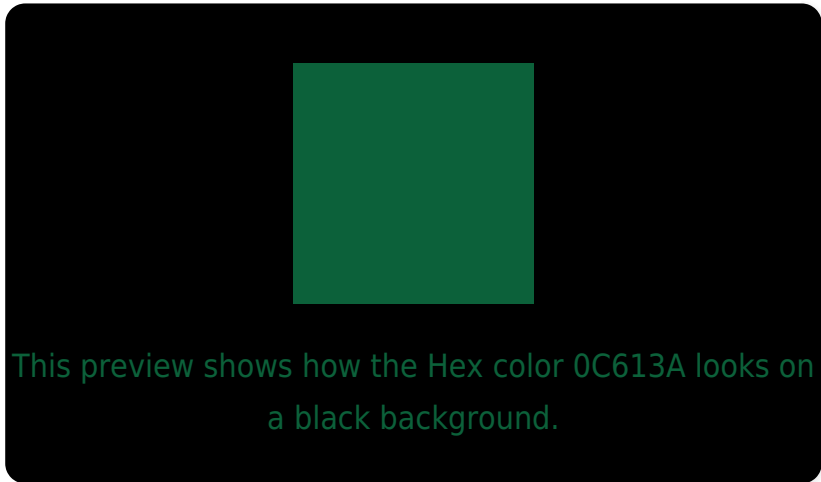
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C613A Background



This preview shows how black text looks on a background with the Hex color 0C613A.



This preview shows how white text looks on a background with the Hex color 0C613A.

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
0C613A

Protanopia
5C5435

Deuteranopia
64513E



Tritanopia
255C64

Trichromacy



Original Color
0C613A

Protanomaly
3F5937

Deuteranomaly
44573D

Tritanomaly
1C5E55

Monochromacy



Original Color
0C613A

Achromatopsia
434343

Achromatomaly
2F4E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C613A 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 #0C613A looks like.

```
.text, #text, p{  
    color:#0C613A  
}
```

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 #0C613A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C613A
}
```

Border

The CSS property to change the border of an element to Hex 0C613A 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
#0C613A }
```

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

```
.border{ border-color:#0C613A }
```

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

Here you see how a box with a 4 pixel #0C613A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C613A; -webkit-box-shadow:4px 4px  
4px 4px #0C613A; box-shadow:4px 4px 4px  
4px #0C613A }
```

Background

The CSS property to change the background color of an element to Hex 0C613A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C613A }
```

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

```
.background{ background-color:#0C613A }
```

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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