

# Converting Colors

Hex(0C573A)

Have a look what the booklet for  
Hex(0C573A) contains.

<b>Hex(0C573A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0C573A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C573A
RGB	12, 87, 58
RGB Percent	5%, 34%, 23%
CMY	0.9529, 0.6588, 0.7725
CMYK	0.86, 0.00, 0.33, 0.66
HSL	157°, 76%, 19%
HSV	157°, 86%, 34%
XYZ	4.3235, 7.2000, 5.1649
YIQ	61.2690, -35.3910, -24.9190

# Conversions

## Conversions Part 2

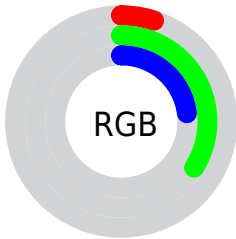
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 58, 87
Decimal	808762
CIELab	32.26, -29.52, 10.81
CIELCh	32, 31.438, 159.898
Yxy	7.2000, 0.2591, 0.4314
Android (android.graphics.Color)	4278998842 (0xFF0C573A)
YUV	61.2690, -1.6116, -43.2089
Hunter-Lab	26.8329, -18.1962, 7.3707

# Details

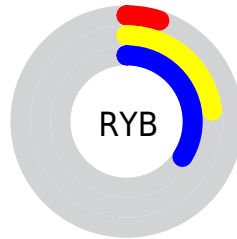
The Hex color **0C573A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **570C29**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **468A69**, and **002910** is the 20% darker color. If you saturate the color by 10%, you get **035737**, and if you desaturate by 10%, it is **15573D**.

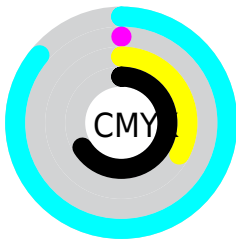
# Distribution



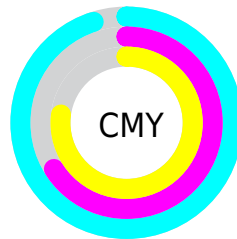
- Red (5%)
- Green (34%)
- Blue (23%)



- Red (5%)
- Yellow (23%)
- Blue (34%)



- Cyan (86%)
- Magenta (0%)
- Yellow (33%)
- Black (66%)



- Cyan (95%)
- Magenta (66%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C573A 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 0C573A by changing the saturation by 10% instead.





0C573A



0C573A

FFFFFF



003F24



468A69



002910



60A482



000F00



7ABF9D



000000



95DBB7



B1F8D3



CDFFEF



EAEFFF



0C573A



0C573A

■ 035737

■ 15573D

■ 005735

■ 1D5741

■ 265744

■ 2F5747

■ 37574B

■ 40574E

■ 495752

■ 525755

■ 5A5758

# Harmonies

## Analogous

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



375324



0C573A



005854

# Triad

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



0C573A



2E4C7D



763B2D

# Complementary

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



0C573A



570C29

# 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.



7A3645



0C573A



584272

# Square

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



0C573A



00537A



70395D



67451D

# Rectangle

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



0C573A



005864



70395D



783935



# Sweetspot

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



0C573A



537065



2A570C



273831



B8B8B8



383838



# Same Dimension

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



0C573A



007045



0C4F57



272B2A



006B42



00EB90



# Inverse Universe

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



570C29



70002B



57130C



2B2729



6B0029



EB005B



# Previews

## White Background



This preview shows how the Hex color 0C573A 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

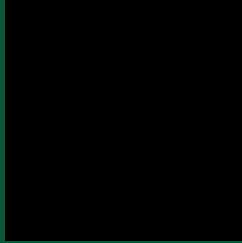
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C573A Background



This preview shows how black text looks on a background with the Hex color 0C573A.



This preview shows how white text looks on a background with the Hex color 0C573A.

# 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



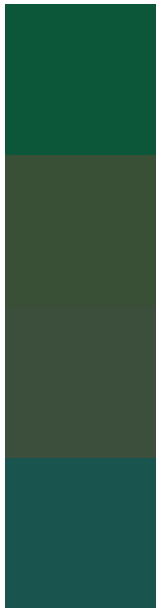
**Original Color**  
0C573A

**Protanopia**  
524C35

**Deuteranopia**  
58493D



# Trichromacy



**Original Color**  
0C573A

**Protanomaly**  
395037

**Deuteranomaly**  
3C4E3C

**Tritanomaly**  
19544E

# Monochromacy



**Original Color**  
0C573A

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
2B463C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C573A 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 #0C573A looks like.

```
.text, #text, p{  
    color:#0C573A  
}
```

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 #0C573A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C573A
}
```

## Border

The CSS property to change the border of an element to Hex 0C573A 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
#0C573A }
```

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

```
.border{ border-color:#0C573A }
```

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

Here you see how a box with a 4 pixel #0C573A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C573A; -webkit-box-shadow:4px 4px  
4px 4px #0C573A; box-shadow:4px 4px 4px  
4px #0C573A }
```

# Background

The CSS property to change the background color of an element to Hex 0C573A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C573A }
```

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

```
.background{ background-color:#0C573A }
```

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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