

# Converting Colors

Hex(0D572A)

Have a look what the booklet for  
Hex(0D572A) contains.

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# Color

**Hex(0D572A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D572A
RGB	13, 87, 42
RGB Percent	5%, 34%, 16%
CMY	0.9490, 0.6588, 0.8353
CMYK	0.85, 0.00, 0.52, 0.66
HSL	144°, 74%, 20%
HSV	144°, 85%, 34%
XYZ	3.9921, 7.0691, 3.3446
YIQ	59.7440, -29.6590, -29.6830

# Conversions

## Conversions Part 2

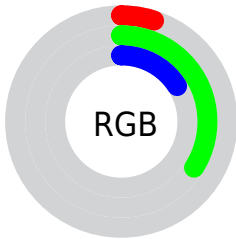
Format	Color
<a href="#">RYB</a>	<a href="#">13, 66, 87</a>
Decimal	<a href="#">874282</a>
CIELab	<a href="#">31.96, -32.94, 20.06</a>
CIElCh	<a href="#">32, 38.565, 148.657</a>
Yxy	<a href="#">7.0691, 0.2771, 0.4907</a>
Android (android.graphics.Color)	<a href="#">4279064362 (0xFF0D572A)</a>
YUV	<a href="#">59.7440, -8.7478, -40.9945</a>
Hunter-Lab	<a href="#">26.5878, -19.7274, 11.1532</a>

# Details

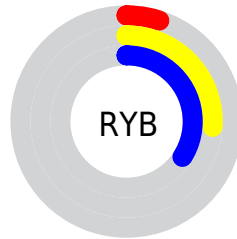
The Hex color **0D572A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **570D3A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **468A58**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **045725**, and if you desaturate by 10%, it is **16572F**.

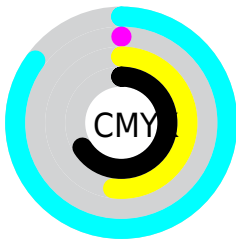
# Distribution



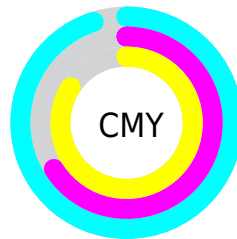
- Red (5%)
- Green (34%)
- Blue (16%)



- Red (5%)
- Yellow (26%)
- Blue (34%)



- Cyan (85%)
- Magenta (0%)
- Yellow (52%)
- Black (66%)



- Cyan (95%)
- Magenta (66%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D572A 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 0D572A by changing the saturation by 10% instead.



 0D572A

 0D572A

FFFFFF

 003F15

 468A58

 002900

 60A471

 000D00

 7BC08B

 000000

 96DCA5

 B1F8C0

 CEFFDC

 EAFFF9

 0D572A

 0D572A

■ 045725

■ 16572F

■ 005722

■ 1E5735

■ 27573A

■ 30573F

■ 395744

■ 41574A

■ 4A574F

■ 535754

■ 5B575A

# Harmonies

## Analogous

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



3E5210



0D572A



005949

# Triad

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



0D572A



004F88



803230

# Complementary

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



0D572A



570D3A

# 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.



802E4E



0D572A



484481

# Square

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



0D572A



00567F



6E366B



733D16

# Rectangle

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



0D572A



005A5E



6E366B



822F3A



# Sweetspot

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



0D572A



53705E



3B570D



27382E



B8B8B8



383838



# Same Dimension

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



0D572A



00702C



0D574E



272B29



006B2A



00EB5C



# Inverse Universe

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



570D3A



700044



570D16



2B272A



6B0041



EB008F



# Previews

## White Background



This preview shows how the Hex color 0D572A 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

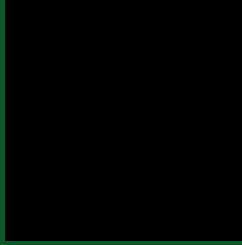
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D572A Background



This preview shows how black text looks on a background with the Hex color 0D572A.



This preview shows how white text looks on a background with the Hex color 0D572A.

# 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](#).

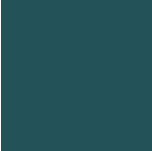
## Dichromacy



**Original Color**  
0D572A

**Protanopia**  
534B26

**Deuteranopia**  
5B482E



**Tritanopia**  
235259

# Trichromacy



**Original Color**  
0D572A

**Protanomaly**  
3A4F27

**Deuteranomaly**  
3F4D2D

**Tritanomaly**  
1B5448

# Monochromacy



**Original Color**  
0D572A

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2B4635

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D572A 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 #0D572A looks like.

```
.text, #text, p{  
    color:#0D572A  
}
```

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 #0D572A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D572A
}
```

## Border

The CSS property to change the border of an element to Hex 0D572A 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
#0D572A }
```

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

```
.border{ border-color:#0D572A }
```

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

Here you see how a box with a 4 pixel #0D572A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D572A; -webkit-box-shadow:4px 4px  
4px 4px #0D572A; box-shadow:4px 4px 4px  
4px #0D572A }
```

# Background

The CSS property to change the background color of an element to Hex 0D572A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D572A }
```

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

```
.background{ background-color:#0D572A }
```

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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