

Converting Colors

Hex(00572C)

Have a look what the booklet for
Hex(00572C) contains.

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Color

Hex(00572C)

Conversions

Conversions Part 1

Format	Color
Hex	00572C
RGB	0, 87, 44
RGB Percent	0%, 34%, 17%
CMY	1.0000, 0.6588, 0.8275
CMYK	1.00, 0.00, 0.49, 0.66
HSL	150°, 100%, 17%
HSV	150°, 100%, 34%
XYZ	3.8628, 6.9982, 3.5301
YIQ	56.0850, -38.0490, -31.8170

Conversions

Conversions Part 2

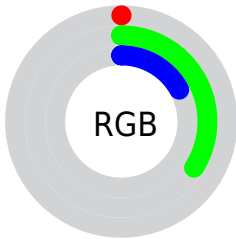
Format	Color
RYB	0, 58, 87
Decimal	22316
CIELab	31.80, -34.14, 18.65
CIELCh	32, 38.900, 151.359
Yxy	6.9982, 0.2684, 0.4863
Android (android.graphics.Color)	4278212396 (0xFF00572C)
YUV	56.0850, -5.9579, -49.1865
Hunter-Lab	26.4542, -20.2304, 10.6062

Details

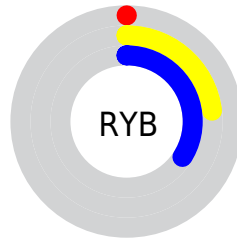
The Hex color **00572C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **57002B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **418A5A**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **00572C**, and if you desaturate by 10%, it is **095730**.

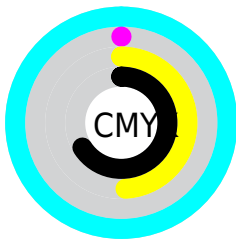
Distribution



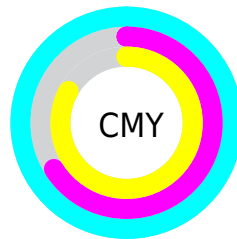
- Red (0%)
- Green (34%)
- Blue (17%)



- Red (0%)
- Yellow (23%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00572C 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 00572C by changing the saturation by 10% instead.

 00572C

 00572C

FFFFFF

 003F17

 418A5A

 002900

 5BA473

 000C00

 76C08D

 000000

 91DCA7

 ACF9C3

 C9FFDF

 E5FFFB

 00572C

■ 095730

■ 115735

■ 1A5739

■ 23573D

■ 2C5742

■ 345746

■ 3D574A

■ 46574E

■ 4E5753

Harmonies

Analogous

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



3A5211



00572C



00594B

Triad

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



00572C



004E88



7F322D

Complementary

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



00572C



57002B

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.



812D4B



00572C



4C427F

Square

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



00572C



005580



713569



713E13

Rectangle

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



00572C



005960



713569



812F36

Sweetspot

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



00572C



4F7060



2C5700



24382E



B8B8B8



383838

Same Dimension

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



00572C



007039



005757



272B29



006B36



00EB77

Inverse Universe

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



57002B



700037



570000



2B2729



6B0035



EB0074

Previews

White Background



This preview shows how the Hex color 00572C looks on a white background.

Color Contrast Check

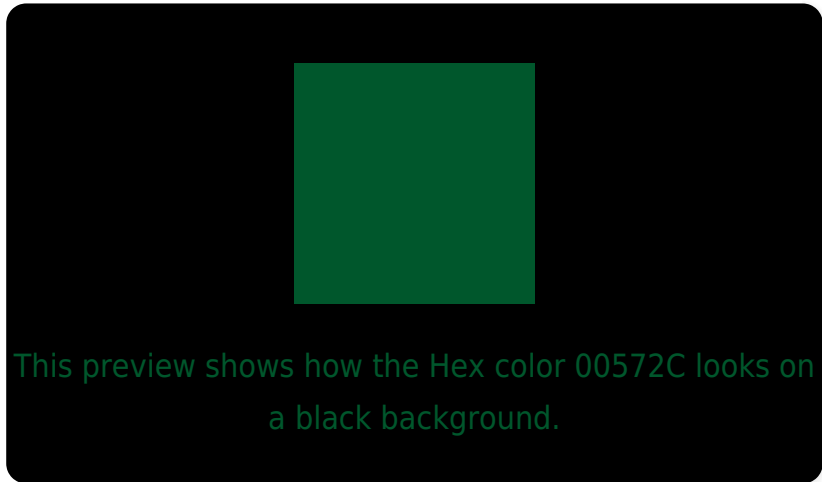
Large Text (above 18pt) WCAG AA ✓ Pass

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 00572C Background



This preview shows how black text looks on a background with the Hex color 00572C.



This preview shows how white text looks on a background with the Hex color 00572C.

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
00572C

Protanopia
534B28

Deuteranopia
5A4830



Tritanopia
215259

Trichromacy



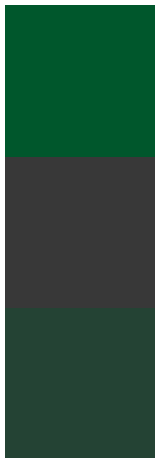
Original Color
00572C

Protanomaly
354F29

Deuteranomaly
394D2F

Tritanomaly
155449

Monochromacy



Original Color
00572C

Achromatopsia
383838

Achromatomaly
244334

CSS Examples

Text

The CSS property to change the color of the text to Hex 00572C 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 #00572C looks like.

```
.text, #text, p{  
    color:#00572C  
}
```

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 #00572C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00572C
}
```

Border

The CSS property to change the border of an element to Hex 00572C 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
#00572C }
```

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

```
.border{ border-color:#00572C }
```

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

Here you see how a box with a 4 pixel #00572C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00572C; -webkit-box-shadow:4px 4px  
4px 4px #00572C; box-shadow:4px 4px 4px  
4px #00572C }
```

Background

The CSS property to change the background color of an element to Hex 00572C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00572C }
```

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

```
.background{ background-color:#00572C }
```

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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