

Converting Colors

Hex(02693C)

Have a look what the booklet for
Hex(02693C) contains.

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Color

Hex(02693C)

Conversions

Conversions Part 1

Format	Color
Hex	02693C
RGB	2, 105, 60
RGB Percent	1%, 41%, 24%
CMY	0.9922, 0.5882, 0.7647
CMYK	0.98, 0.00, 0.43, 0.59
HSL	154°, 96%, 21%
HSV	154°, 98%, 41%
XYZ	5.8922, 10.4423, 5.9800
YIQ	69.0730, -46.9430, -35.8310

Conversions

Conversions Part 2

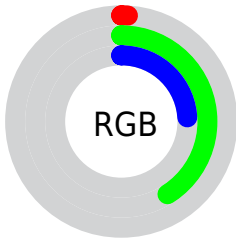
Format	Color
RYB	2, 68, 105
Decimal	158012
CIELab	38.62, -37.57, 18.16
CIELCh	39, 41.723, 154.202
Yxy	10.4423, 0.2641, 0.4680
Android (android.graphics.Color)	4278348092 (0xFF02693C)
YUV	69.0730, -4.4730, -58.8230
Hunter-Lab	32.3145, -24.0028, 11.6483

Details

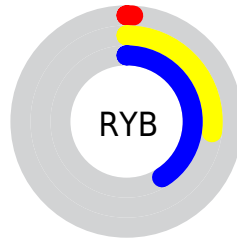
The Hex color **02693C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **69022F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **489D6C**, and **003811** is the 20% darker color. If you saturate the color by 10%, you get **00693B**, and if you desaturate by 10%, it is **0C6941**.

Distribution



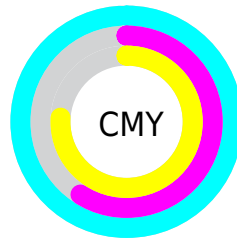
- Red (1%)
- Green (41%)
- Blue (24%)



- Red (1%)
- Yellow (27%)
- Blue (41%)



- Cyan (98%)
- Magenta (0%)
- Yellow (43%)
- Black (59%)



- Cyan (99%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02693C 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 02693C by changing the saturation by 10% instead.

 02693C

 02693C

FFFFFF

 005026

 489D6C

 003811

 63B885

 002400

 7ED4A0

 000000

 9AF1BB

 B6FFD6

 D3FFF3

 F0FFFF

 02693C

 02693C

■ 00693B

■ 0C6941

■ 176945

■ 21694A

■ 2C694E

■ 366953

■ 416958

■ 4B695C

■ 566961

■ 616965

Harmonies

Analogous

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



45641E



02693C



006B5F

Triad

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



02693C



0D5D9F



954137

Complementary

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



02693C



69022F

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.



983B58



02693C



625093

Square

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



02693C



006698



884279



844E1C

Rectangle

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



02693C



006B76



884279



983E41

Sweetspot

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



02693C



628A78



306902



2D453A



C4C4C4



454545

Same Dimension

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



02693C



008A4E



026469



303633



007542



00F58A

Inverse Universe

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



69022F



8A003C



690702



363033



750033



F5006B

Previews

White Background



This preview shows how the Hex color 02693C looks on a white background.

Color Contrast Check

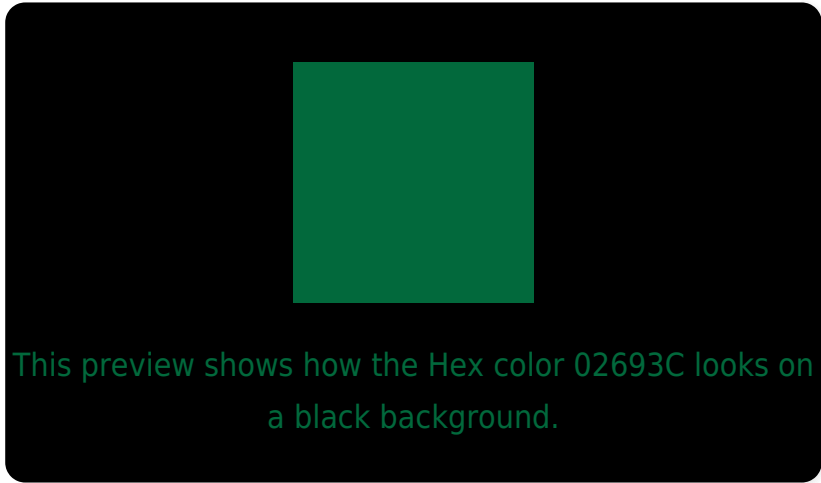
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

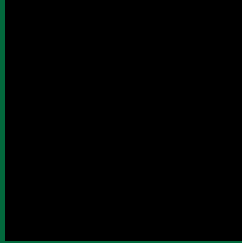
Any Text WCAG AA × Fail

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 02693C Background



This preview shows how black text looks on a background with the Hex color 02693C.



This preview shows how white text looks on a background with the Hex color 02693C.

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
02693C

Protanopia
635B37

Deuteranopia
6C5740



Tritanopia
27636C

Trichromacy



Original Color
02693C

Protanomaly
406039

Deuteranomaly
455E3F

Tritanomaly
1A655B

Monochromacy



Original Color
02693C

Achromatopsia
454545

Achromatomaly
2D5242

CSS Examples

Text

The CSS property to change the color of the text to Hex 02693C 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 #02693C looks like.

```
.text, #text, p{  
    color:#02693C  
}
```

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 #02693C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02693C
}
```

Border

The CSS property to change the border of an element to Hex 02693C is called "border". The border property can be set on classes, ids or directly on the HTML element.

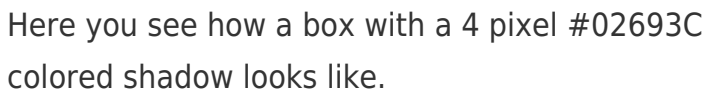
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02693C }
```

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

```
.border{ border-color:#02693C }
```

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



Here you see how a box with a 4 pixel #02693C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02693C; -webkit-box-shadow:4px 4px  
4px 4px #02693C; box-shadow:4px 4px 4px  
4px #02693C }
```

Background

The CSS property to change the background color of an element to Hex 02693C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02693C }
```

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

```
.background{ background-color:#02693C }
```

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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