

Converting Colors

Hex(00712E)

Have a look what the booklet for
Hex(00712E) contains.

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Color

Hex(00712E)

Conversions

Conversions Part 1

Format	Color
Hex	00712E
RGB	0, 113, 46
RGB Percent	0%, 44%, 18%
CMY	1.0000, 0.5569, 0.8196
CMYK	1.00, 0.00, 0.59, 0.56
HSL	144°, 100%, 22%
HSV	144°, 100%, 44%
XYZ	6.3983, 12.0075, 4.5652
YIQ	71.5750, -45.8410, -44.7930

Conversions

Conversions Part 2

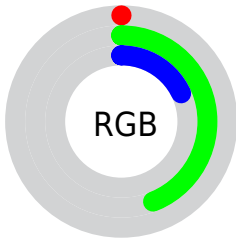
Format	Color
RYB	0, 80, 113
Decimal	28974
CIELab	41.23, -43.28, 29.19
CIELCh	41, 52.199, 146.001
Yxy	12.0075, 0.2785, 0.5227
Android (android.graphics.Color)	4278219054 (0xFF00712E)
YUV	71.5750, -12.6085, -62.7713
Hunter-Lab	34.6519, -27.6817, 16.4451

Details

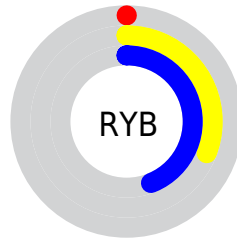
The Hex color **00712E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **710043**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4AA65E**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **00712E**, and if you desaturate by 10%, it is **0B7135**.

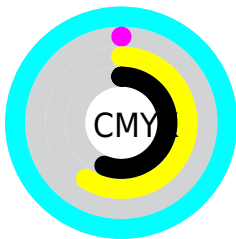
Distribution



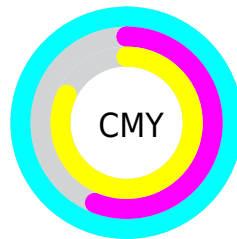
- Red (0%)
- Green (44%)
- Blue (18%)



- Red (0%)
- Yellow (31%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00712E 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 00712E by changing the saturation by 10% instead.

 00712E

 00712E

FFFFFF

 005817

 4AA65E

 003F00

 66C177

 002A00

 82DE91

 000800

 9EFBAC

 000000

 BAFFC8

 D7FFE4

 F5FFFF

 00712E

 0B7135

 17713B

 227142

 2D7149

 397150

 447156

 4F715D

 5A7164

 66716A

Harmonies

Analogous

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



516A01



00712E



00745A

Triad

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



00712E



0068B7



AB393E

Complementary

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



00712E



710043

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.



AA3469



00712E



5458AF

Square

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



00712E



0071A8



8F4492



9A4C17

Rectangle

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



00712E



007578



8F4492



AD354C

Sweetspot

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



00712E



68947A



447100



2F4A3A



C9C9C9



4A4A4A

Same Dimension

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



00712E



00943C



007166



323835



007831



00F765

Inverse Universe

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



710043



940058



71000B



383236



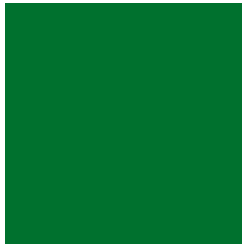
780047



F70093

Previews

White Background



This preview shows how the Hex color 00712E looks on a white background.

Color Contrast Check

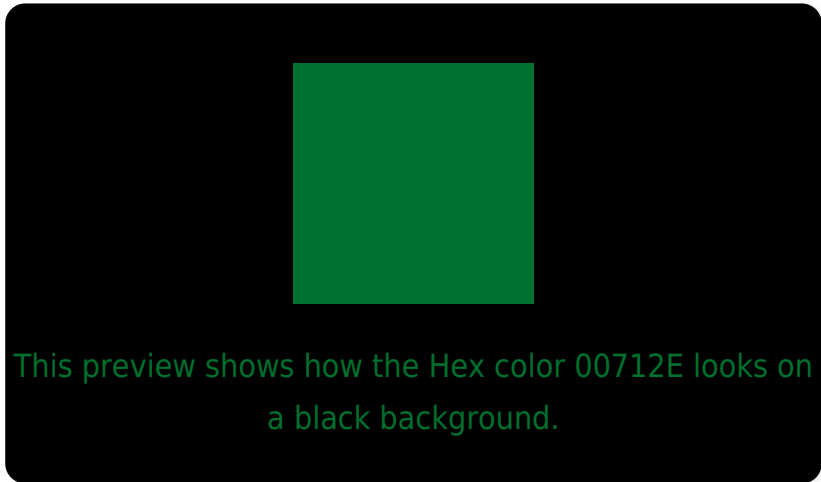
Large Text (above 18pt) WCAG AA ✓ Pass

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 00712E Background



This preview shows how black text looks on a background with the Hex color 00712E.



This preview shows how white text looks on a background with the Hex color 00712E.

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
00712E

Protanopia
6C6129

Deuteranopia
775D34



Tritanopia
2D6A73

Trichromacy



Original Color
00712E



Protanomaly
45672B



Deuteranomaly
4C6432



Tritanomaly
1D6D5A

Monochromacy



Original Color
00712E



Achromatopsia
484848



Achromatomaly
2E573F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00712E 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 #00712E looks like.

```
.text, #text, p{  
    color:#00712E  
}
```

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 #00712E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00712E
}
```

Border

The CSS property to change the border of an element to Hex 00712E 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".

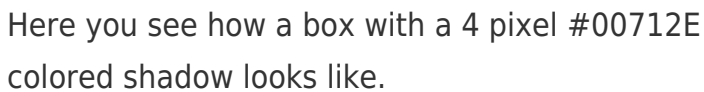
```
.border, #border, table{ border:4px solid
#00712E }
```

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

```
.border{ border-color:#00712E }
```

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

Here you see how a box with a 4 pixel #00712E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00712E; -webkit-box-shadow:4px 4px  
4px 4px #00712E; box-shadow:4px 4px 4px  
4px #00712E }
```

Background

The CSS property to change the background color of an element to Hex 00712E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00712E }
```

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

```
.background{ background-color:#00712E }
```

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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