

Converting Colors

Hex(017C2E)

Have a look what the booklet for
Hex(017C2E) contains.

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Color

Hex(017C2E)

Conversions

Conversions Part 1

Format	Color
Hex	017C2E
RGB	1, 124, 46
RGB Percent	0%, 49%, 18%
CMY	0.9961, 0.5137, 0.8196
CMYK	0.99, 0.00, 0.63, 0.51
HSL	142°, 98%, 25%
HSV	142°, 99%, 49%
XYZ	7.7133, 14.6190, 5.0000
YIQ	78.3310, -48.2700, -50.3340

Conversions

Conversions Part 2

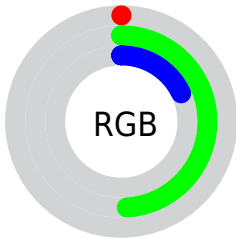
Format	Color
RYB	1, 91, 124
Decimal	97326
CIELab	45.11, -46.92, 33.74
CIELCh	45, 57.793, 144.283
Yxy	14.6190, 0.2822, 0.5349
Android (android.graphics.Color)	4278287406 (0xFF017C2E)
YUV	78.3310, -15.9392, -67.8193
Hunter-Lab	38.2348, -30.9012, 19.0110

Details

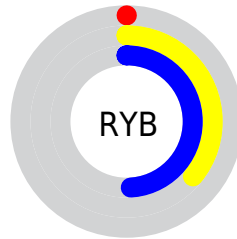
The Hex color **017C2E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C014F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EB25F**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **007C2D**, and if you desaturate by 10%, it is **0D7C36**.

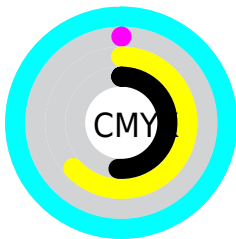
Distribution



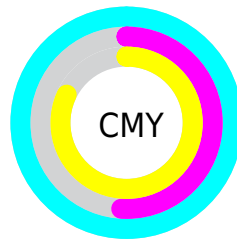
- Red (0%)
- Green (49%)
- Blue (18%)



- Red (0%)
- Yellow (36%)
- Blue (49%)



- Cyan (99%)
- Magenta (0%)
- Yellow (63%)
- Black (51%)




- Cyan (100%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 017C2E 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 017C2E by changing the saturation by 10% instead.

 017C2E

 017C2E

FFFFFF

 006216

 4EB25F

 004900

 6BCE78

 003200

 87EA92

 001A00


 A4FFAD


 000000

 C0FFC9

 DDFFE6

 FBFFFF

 017C2E

 017C2E

■ 007C2D

■ 0D7C36

■ 1A7C3E

■ 267C46

■ 337C4D

■ 3F7C55

■ 4B7C5D

■ 587C65

■ 647C6D

■ 717C75

Harmonies

Analogous

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



5B7400



017C2E



008060

Triad

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



017C2E



0073CB



BE3C46

Complementary

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



017C2E



7C014F

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.



BB3776



017C2E



5562C3

Square

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



017C2E



007DB9



9B4AA4



AB5119

Rectangle

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



017C2E



008181



9B4AA4



C03756

Sweetspot

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



017C2E



70A182



517C01



34523F



D1D1D1



525252

Same Dimension

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



017C2E



00A13B



017C6A



373D39



007D2E



00FC5C

Inverse Universe

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



7C014F



A10066



7C0113



3D373B



7D004F



FC00A0

Previews

White Background



This preview shows how the Hex color 017C2E looks on a white background.

Color Contrast Check

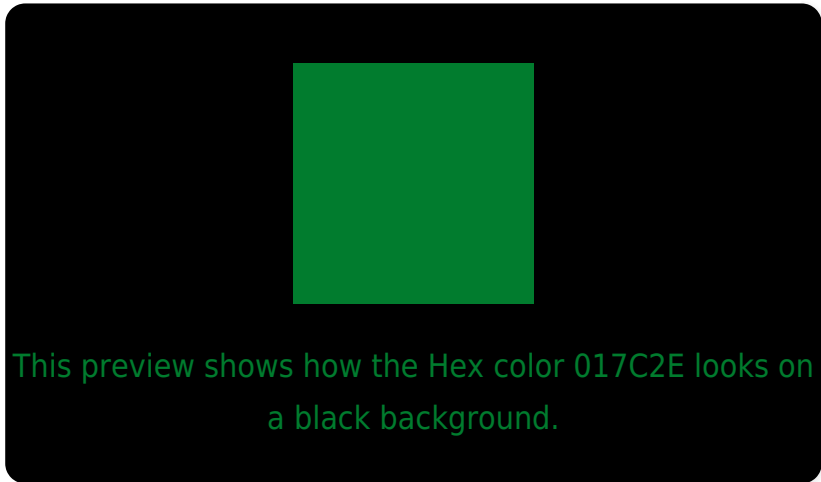
Large Text (above 18pt) WCAG AA ✓ Pass

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 017C2E Background



This preview shows how black text looks on a background with the Hex color 017C2E.



This preview shows how white text looks on a background with the Hex color 017C2E.

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
017C2E

Protanopia
776B29

Deuteranopia
836535



Tritanopia
32747E

Trichromacy



Original Color
017C2E



Protanomaly
4C712B



Deuteranomaly
546D32



Tritanomaly
207761

Monochromacy



Original Color
017C2E



Achromatopsia
4E4E4E



Achromatomaly
325F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 017C2E 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 #017C2E looks like.

```
.text, #text, p{  
  color:#017C2E  
}
```

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 #017C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017C2E
}
```

Border

The CSS property to change the border of an element to Hex 017C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

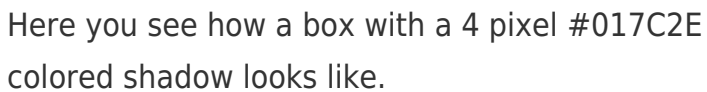
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#017C2E }
```

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

```
.border{ border-color:#017C2E }
```

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



Here you see how a box with a 4 pixel #017C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017C2E; -webkit-box-shadow:4px 4px  
4px 4px #017C2E; box-shadow:4px 4px 4px  
4px #017C2E }
```

Background

The CSS property to change the background color of an element to Hex 017C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017C2E }
```

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

```
.background{ background-color:#017C2E }
```

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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