

Converting Colors

Hex(017529)

Have a look what the booklet for
Hex(017529) contains.

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Color

Hex(017529)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 017529 |
| RGB | 1, 117, 41 |
| RGB Percent | 0%, 46%, 16% |
| CMY | 0.9961, 0.5412, 0.8392 |
| CMYK | 0.99, 0.00, 0.65, 0.54 |
| HSL | 141°, 98%, 23% |
| HSV | 141°, 99%, 46% |
| XYZ | 6.7740, 12.8891, 4.2286 |
| YIQ | 73.6520, -44.7400, -48.2280 |

Conversions

Conversions Part 2

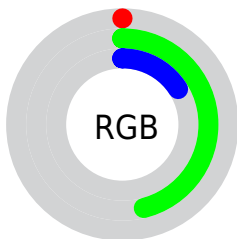
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 1, 87, 117 |
| Decimal | 95529 |
| CIELab | 42.60, -45.26, 33.30 |
| CIElCh | 43, 56.192, 143.661 |
| Yxy | 12.8891, 0.2835, 0.5395 |
| Android (android.graphics.Color) | 4278285609 (0xFF017529) |
| YUV | 73.6520, -16.0974, -63.7158 |
| Hunter-Lab | 35.9014, -29.1473, 18.1475 |

Details

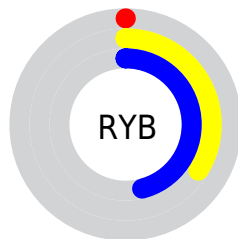
The Hex color **017529** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75014D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4CAA59**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **007528**, and if you desaturate by 10%, it is **0D7531**.

Distribution



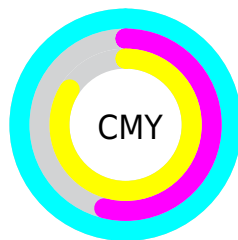
- Red (0%)
- Green (46%)
- Blue (16%)



- Red (0%)
- Yellow (34%)
- Blue (46%)



- Cyan (99%)
- Magenta (0%)
- Yellow (65%)
- Black (54%)





- Cyan (100%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 017529 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 017529 by changing the saturation by 10% instead.

 017529

 017529

FFFFFF

 005C10

 4CAA59

 004300

 68C673

 002D00

 84E28D

 001000


 A0FFA8

 000000

 BDFFC3

 DAFFDF

 F8FFFC

 017529

 017529

■ 007528

■ 0D7531

■ 187538

■ 247540

■ 307548

■ 3B754F

■ 477557

■ 53755F

■ 5F7566

■ 6A756E

Harmonies

Analogous

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



566D00



017529



007959

Triad

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



017529



006DC1



B53642

Complementary

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



017529



75014D

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.



B13370



017529



4D5DBA

Square

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



017529



0076AF



92469C



A34B17

Rectangle

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



017529



007A79



92469C



B63251

Sweetspot

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



017529



6B997B



4E7501



314D3A



CCCCCC



4D4D4D

Same Dimension

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



017529



009935



017562



353B37



007A2A



00FA56

Inverse Universe

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



75014D



990064



750114



3B3539



7A0050



FA00A4

Previews

White Background



This preview shows how the Hex color 017529 looks on a white background.

Color Contrast Check

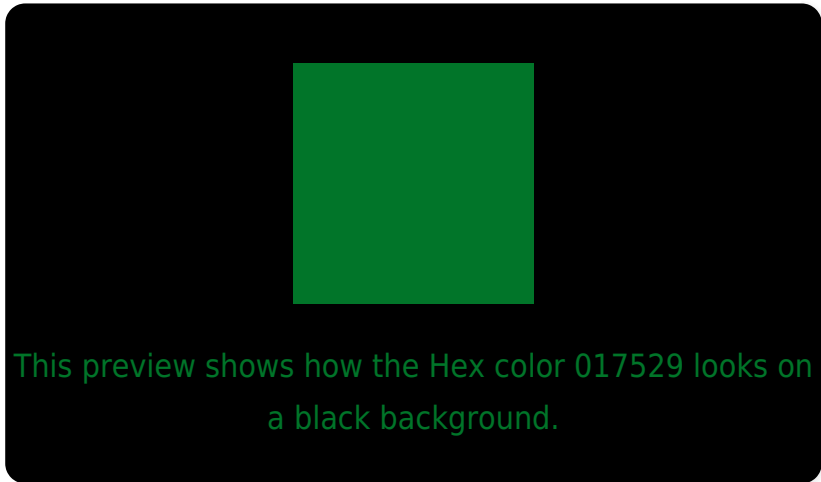
Large Text (above 18pt) WCAG AA ✓ Pass

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

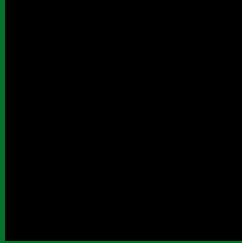
Any Text WCAG AA × Fail

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 017529 Background



This preview shows how black text looks on a background with the Hex color 017529.



This preview shows how white text looks on a background with the Hex color 017529.

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
017529

Protanopia
706524

Deuteranopia
7C6030



Tritanopia
2F6D76

Trichromacy



Original Color
017529



Protanomaly
486B26



Deuteranomaly
4F682D



Tritanomaly
1E705A

Monochromacy



Original Color
017529



Achromatopsia
4A4A4A



Achromatomaly
2F5A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 017529 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 #017529 looks like.

```
.text, #text, p{  
    color:#017529  
}
```

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 #017529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017529
}
```

Border

The CSS property to change the border of an element to Hex 017529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

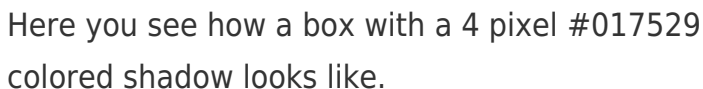
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#017529 }
```

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

```
.border{ border-color:#017529 }
```

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



Here you see how a box with a 4 pixel #017529 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017529; -webkit-box-shadow:4px 4px  
4px 4px #017529; box-shadow:4px 4px 4px  
4px #017529 }
```

Background

The CSS property to change the background color of an element to Hex 017529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017529 }
```

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

```
.background{ background-color:#017529 }
```

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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