

Converting Colors

Hex(2C7616)

Have a look what the booklet for
Hex(2C7616) contains.

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Color

Hex(2C7616)

Conversions

Conversions Part 1

Format	Color
Hex	2C7616
RGB	44, 118, 22
RGB Percent	17%, 46%, 9%
CMY	0.8275, 0.5373, 0.9137
CMYK	0.63, 0.00, 0.81, 0.54
HSL	106°, 69%, 27%
HSV	106°, 81%, 46%
XYZ	7.6620, 13.5503, 2.9707
YIQ	84.9300, -13.2880, -45.5440

Conversions

Conversions Part 2

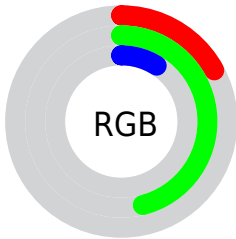
Format	Color
RYB	22, 118, 96
Decimal	2913814
CIELab	43.58, -40.82, 42.52
CIELCh	44, 58.942, 133.836
Yxy	13.5503, 0.3168, 0.5603
Android (android.graphics.Color)	4281103894 (0xFF2C7616)
YUV	84.9300, -31.0245, -35.8956
Hunter-Lab	36.8107, -27.2648, 20.9827

Details

The Hex color **2C7616** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **601676**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **63AB4A**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **23760A**, and if you desaturate by 10%, it is **357622**.

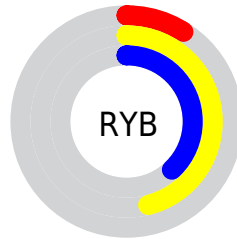
Distribution



Red (17%)

Green (46%)

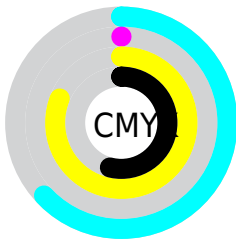
Blue (9%)



Red (9%)

Yellow (46%)

Blue (38%)

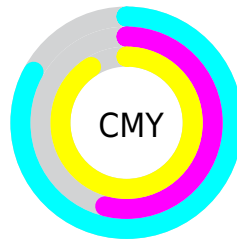


Cyan (63%)

Magenta (0%)

Yellow (81%)

Black (54%)



Cyan (83%)

Magenta (54%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7616 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 2C7616 by changing the saturation by 10% instead.

 2C7616

 2C7616


FFFFFF

 065D00

 63AB4A

 004400

 7FC763

 002E00

 9AE37D

 001500

 B7FF98

 000000

 D3FFB3

 F0FFCF

 FFFFEC

 2C7616

 2C7616

■ 23760A

■ 357622

■ 1B7600

■ 3E762E

■ 477639

■ 507645

■ 597651

■ 63765D

■ 6C7669

■ 757674

■ 7E7680

Harmonies

Analogous

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



686C00



2C7616



007B4A

Triad

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



2C7616



0074C5



BD3053

Complementary

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



2C7616



601676

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.



B03683



2C7616



0D65C7

Square

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



2C7616



007BAA



854FAE



B04424

Rectangle

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



2C7616



007D6C



854FAE



BC2F63

Sweetspot

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



2C7616



7D9974



766016



3B4D36



CCCCCC



4D4D4D

Same Dimension

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



2C7616



259903



167630



363B35



1C7A00



39FA00

Inverse Universe

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



601676



770399



76165C



39353B



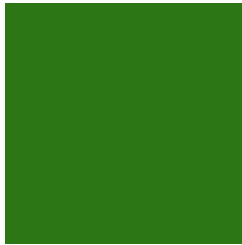
5E007A



C100FA

Previews

White Background



This preview shows how the Hex color 2C7616 looks on a white background.

Color Contrast Check

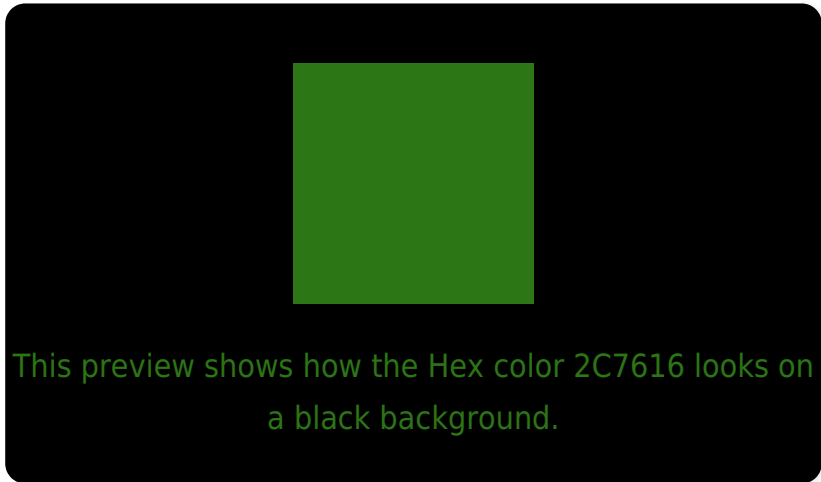
Large Text (above 18pt) WCAG AA ✓ Pass

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

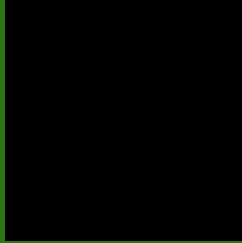
Any Text WCAG AA × Fail

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 2C7616 Background



This preview shows how black text looks on a background with the Hex color 2C7616.



This preview shows how white text looks on a background with the Hex color 2C7616.

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
2C7616

Protanopia
736712

Deuteranopia
806120



Tritanopia
406E77

Trichromacy



Original Color
2C7616

Protanomaly
596C13

Deuteranomaly
61691C

Tritanomaly
397154

Monochromacy



Original Color
2C7616

Achromatopsia
555555

Achromatomaly
46613E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7616 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 #2C7616 looks like.

```
.text, #text, p{  
    color:#2C7616  
}
```

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 #2C7616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7616
}
```

Border

The CSS property to change the border of an element to Hex 2C7616 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".

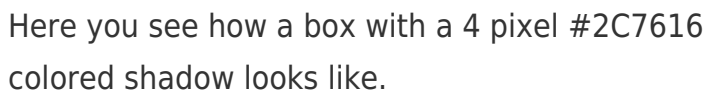
```
.border, #border, table{ border:4px solid
#2C7616 }
```

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

```
.border{ border-color:#2C7616 }
```

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

Here you see how a box with a 4 pixel #2C7616 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7616; -webkit-box-shadow:4px 4px  
4px 4px #2C7616; box-shadow:4px 4px 4px  
4px #2C7616 }
```

Background

The CSS property to change the background color of an element to Hex 2C7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7616 }
```

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

```
.background{ background-color:#2C7616 }
```

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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