

Converting Colors

Hex(2C671F)

Have a look what the booklet for
Hex(2C671F) contains.

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Color

Hex(2C671F)

Conversions

Conversions Part 1

Format	Color
Hex	2C671F
RGB	44, 103, 31
RGB Percent	17%, 40%, 12%
CMY	0.8275, 0.5961, 0.8784
CMYK	0.57, 0.00, 0.70, 0.60
HSL	109°, 54%, 26%
HSV	109°, 70%, 40%
XYZ	6.1363, 10.3349, 2.9677
YIQ	77.1510, -12.0520, -34.9000

Conversions

Conversions Part 2

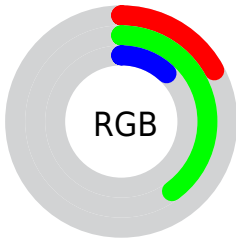
Format	Color
RYB	31, 103, 90
Decimal	2909983
CIELab	38.44, -34.06, 33.67
CIELCh	38, 47.891, 135.332
Yxy	10.3349, 0.3157, 0.5317
Android (android.graphics.Color)	4281100063 (0xFF2C671F)
YUV	77.1510, -22.7524, -29.0734
Hunter-Lab	32.1479, -22.1875, 17.0302

Details

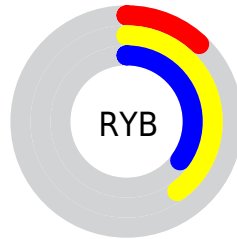
The Hex color **2C671F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5A1F67**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **609B4F**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **246715**, and if you desaturate by 10%, it is **346729**.

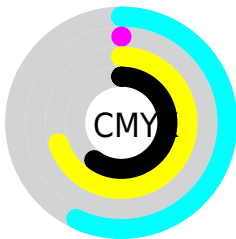
Distribution



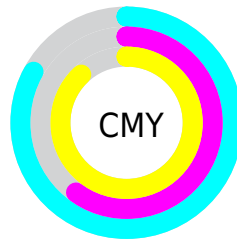
- Red (17%)
- Green (40%)
- Blue (12%)



- Red (12%)
- Yellow (40%)
- Blue (35%)



- Cyan (57%)
- Magenta (0%)
- Yellow (70%)
- Black (60%)



- Cyan (83%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C671F 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 2C671F by changing the saturation by 10% instead.



2C671F



2C671F

FFFFFF



0E4E05



609B4F



003700



7BB668



002300



96D282



000000



B1EE9C



CDFFB7



EAFD3



FFFFF0



2C671F



2C671F

■ 246715

■ 346729

■ 1B670A

■ 3D6734

■ 136700

■ 45673E

■ 4E6748

■ 566753

■ 5F675D

■ 676767

■ 706771

■ 78677C

Harmonies

Analogous

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



5A5F00



2C671F



006B45

Triad

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



2C671F



0064A6



A03348

Complementary

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



2C671F



5A1F67

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.



96366F



2C671F



2E58A6

Square

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



2C671F



006B91



754792



954124

Rectangle

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



2C671F



006C61



754792



9F3255

Sweetspot

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



2C671F



70876B



675A1F



374534



C4C4C4



454545

Same Dimension

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



2C671F



2A8716



1F6736



2F332E



157300



2CF200

Inverse Universe

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



5A1F67



731687



671F50



322E33



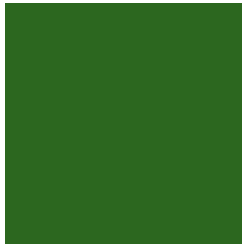
5E0073



C700F2

Previews

White Background



This preview shows how the Hex color 2C671F looks on a white background.

Color Contrast Check

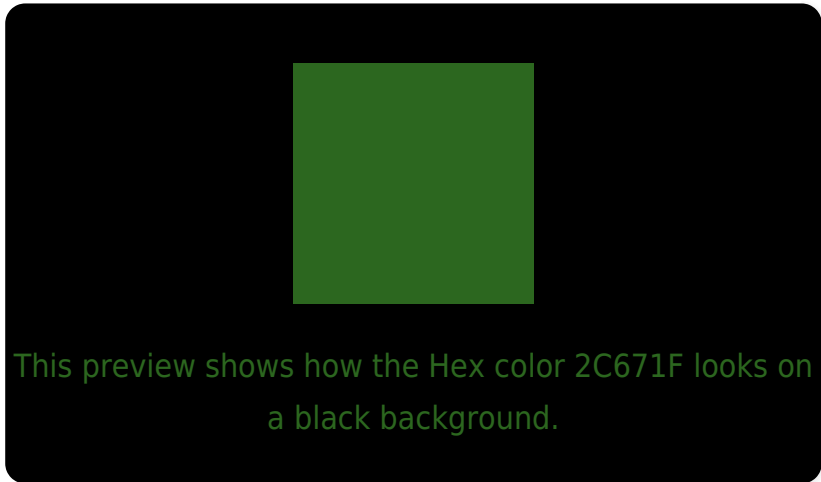
Large Text (above 18pt) WCAG AA ✓ Pass

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

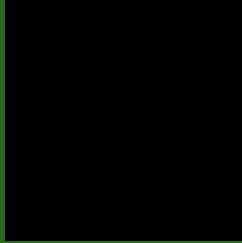
Any Text WCAG AA × Fail

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 2C671F Background



This preview shows how black text looks on a background with the Hex color 2C671F.



This preview shows how white text looks on a background with the Hex color 2C671F.

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
2C671F

Protanopia
655A1C

Deuteranopia
705625



Tritanopia
3B6068

Trichromacy



Original Color
2C671F

Protanomaly
505F1D

Deuteranomaly
575C23

Tritanomaly
36634D

Monochromacy



Original Color
2C671F

Achromatopsia
4D4D4D

Achromatomaly
41563C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C671F 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 #2C671F looks like.

```
.text, #text, p{  
    color:#2C671F  
}
```

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 #2C671F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C671F
}
```

Border

The CSS property to change the border of an element to Hex 2C671F 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
#2C671F }
```

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

```
.border{ border-color:#2C671F }
```

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

Here you see how a box with a 4 pixel #2C671F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C671F; -webkit-box-shadow:4px 4px  
4px 4px #2C671F; box-shadow:4px 4px 4px  
4px #2C671F }
```

Background

The CSS property to change the background color of an element to Hex 2C671F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C671F }
```

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

```
.background{ background-color:#2C671F }
```

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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