

Converting Colors

Hex(2B721C)

Have a look what the booklet for
Hex(2B721C) contains.

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Color

Hex(2B721C)

Conversions

Conversions Part 1

Format	Color
Hex	2B721C
RGB	43, 114, 28
RGB Percent	17%, 45%, 11%
CMY	0.8314, 0.5529, 0.8902
CMYK	0.62, 0.00, 0.75, 0.55
HSL	110°, 61%, 28%
HSV	110°, 75%, 45%
XYZ	7.2232, 12.6321, 3.1561
YIQ	82.9670, -14.7100, -41.7980

Conversions

Conversions Part 2

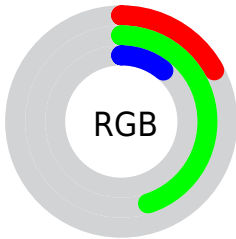
Format	Color
R_{YB}	28, 114, 99
Decimal	2847260
CIE Lab	42.20, -39.09, 38.91
CIE LCh	42, 55.157, 135.129
Yxy	12.6321, 0.3139, 0.5489
Android (android.graphics.Color)	4281037340 (0xFF2B721C)
YUV	82.9670, -27.0987, -35.0511
Hunter-Lab	35.5416, -25.9210, 19.6141

Details

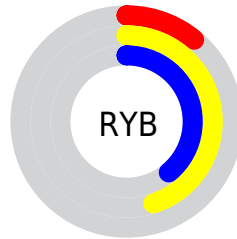
The Hex color **2B721C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **631C72**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **62A74E**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **227211**, and if you desaturate by 10%, it is **347227**.

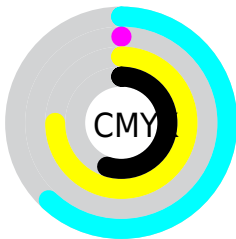
Distribution



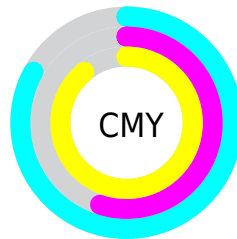
- Red (17%)
- Green (45%)
- Blue (11%)



- Red (11%)
- Yellow (45%)
- Blue (39%)



- Cyan (62%)
- Magenta (0%)
- Yellow (75%)
- Black (55%)



- Cyan (83%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B721C 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 2B721C by changing the saturation by 10% instead.

 2B721C

 2B721C

FFFFFF

 075900

 62A74E

 004100

 7DC267

 002B00

 98DE81

 000E00

 B4FB9C

 000000

 D1FFB7

 EEFFD3

 FFFFF0

 2B721C

 2B721C

■ 227211

■ 347227

■ 187205

■ 3E7233

■ 147200

■ 47723E

■ 51724A

■ 5A7255

■ 637260

■ 6D726C

■ 767277

■ 807283

Harmonies

Analogous

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



636900



2B721C



00774B

Triad

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



2B721C



006FBC



B4334F

Complementary

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



2B721C



631C72

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.



A9377C



2B721C



2761BC

Square

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



2B721C



0076A3



824CA4



A84524

Rectangle

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



2B721C



00786A



824CA4



B3315E

Sweetspot

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



2B721C



789472



72621C



394A35



C9C9C9



4A4A4A

Same Dimension

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



2B721C



25940D



1C7237



333832



157800



2BF700

Inverse Universe

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



631C72



7C0D94



721C57



373238



630078



CC00F7

Previews

White Background



This preview shows how the Hex color 2B721C looks on a white background.

Color Contrast Check

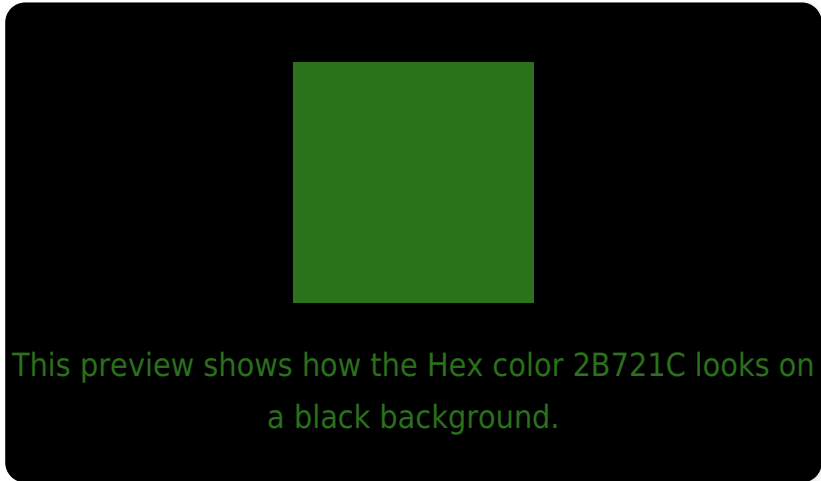
Large Text (above 18pt) WCAG AA ✓ Pass

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

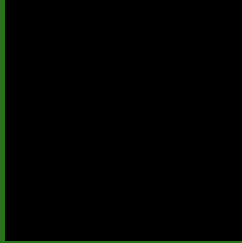
Any Text WCAG AA × Fail

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 2B721C Background



This preview shows how black text looks on a background with the Hex color 2B721C.



This preview shows how white text looks on a background with the Hex color 2B721C.

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
2B721C

Protanopia
6F6318

Deuteranopia
7C5E24



Tritanopia
3E6A73

Trichromacy



Original Color
2B721C

Protanomaly
566819

Deuteranomaly
5F6521

Tritanomaly
376D53

Monochromacy



Original Color
2B721C

Achromatopsia
535353

Achromatomaly
445E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B721C 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 #2B721C looks like.

```
.text, #text, p{  
    color:#2B721C  
}
```

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 #2B721C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B721C
}
```

Border

The CSS property to change the border of an element to Hex 2B721C 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
#2B721C }
```

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

```
.border{ border-color:#2B721C }
```

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

Here you see how a box with a 4 pixel #2B721C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B721C; -webkit-box-shadow:4px 4px  
4px 4px #2B721C; box-shadow:4px 4px 4px  
4px #2B721C }
```

Background

The CSS property to change the background color of an element to Hex 2B721C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B721C }
```

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

```
.background{ background-color:#2B721C }
```

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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