

Converting Colors

Hex(427C1C)

Have a look what the booklet for
Hex(427C1C) contains.

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Color

Hex(427C1C)

Conversions

Conversions Part 1

Format	Color
Hex	427C1C
RGB	66, 124, 28
RGB Percent	26%, 49%, 11%
CMY	0.7412, 0.5137, 0.8902
CMYK	0.47, 0.00, 0.77, 0.51
HSL	96°, 63%, 30%
HSV	96°, 77%, 49%
XYZ	9.6640, 15.6574, 3.6114
YIQ	95.7140, -3.7520, -42.1520

Conversions

Conversions Part 2

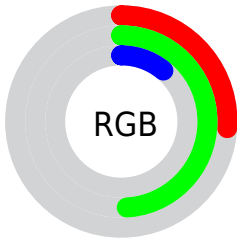
Format	Color
R_{YB}	28, 124, 86
Decimal	4357148
CIE _{Lab}	46.52, -36.12, 43.54
CIE _{LCh}	47, 56.570, 129.682
Yxy	15.6574, 0.3340, 0.5412
Android (android.graphics.Color)	4282547228 (0xFF427C1C)
YUV	95.7140, -33.3830, -26.0592
Hunter-Lab	39.5694, -25.6515, 22.2873

Details

The Hex color **427C1C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **561C7C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **77B14F**, and **074A00** is the 20% darker color. If you saturate the color by 10%, you get **3B7C10**, and if you desaturate by 10%, it is **497C28**.

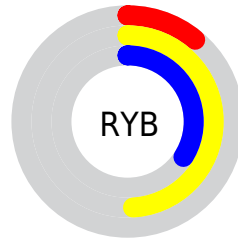
Distribution



Red (26%)

Green (49%)

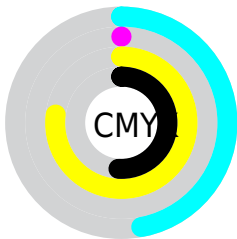
Blue (11%)



Red (11%)

Yellow (49%)

Blue (34%)

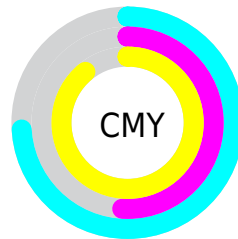


Cyan (47%)

Magenta (0%)

Yellow (77%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427C1C 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 427C1C by changing the saturation by 10% instead.



427C1C



427C1C

FFFFFF



276300



77B14F



074A00



93CD69



003300



AEE983



001F00



CBFF9E



000000



E7FFBA



FFFFD6



FFFFF3



427C1C



427C1C

■ 3B7C10

■ 497C28

■ 337C03

■ 517C35

■ 317C00

■ 587C41

■ 607C4E

■ 677C5A

■ 6F7C66

■ 767C73

■ 7E7C7F

■ 857C8C

Harmonies

Analogous

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



767100



427C1C



00824B

Triad

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



427C1C



007CC7



C33C61

Complementary

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



427C1C



561C7C

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.



B24490



427C1C



006FCC

Square

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



427C1C



0083AA



835AB8



BA4B34

Rectangle

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



427C1C



00846C



835AB8



C03C71

Sweetspot

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



427C1C



8AA17C



7C561C



44523B



D1D1D1



525252

Same Dimension

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



427C1C



46A10B



1C7C26



3A3D37



317D00



64FC00

Inverse Universe

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



561C7C



660BA1



7C1C72



3B373D



4B007D



9900FC

Previews

White Background



This preview shows how the Hex color 427C1C looks on a white background.

Color Contrast Check

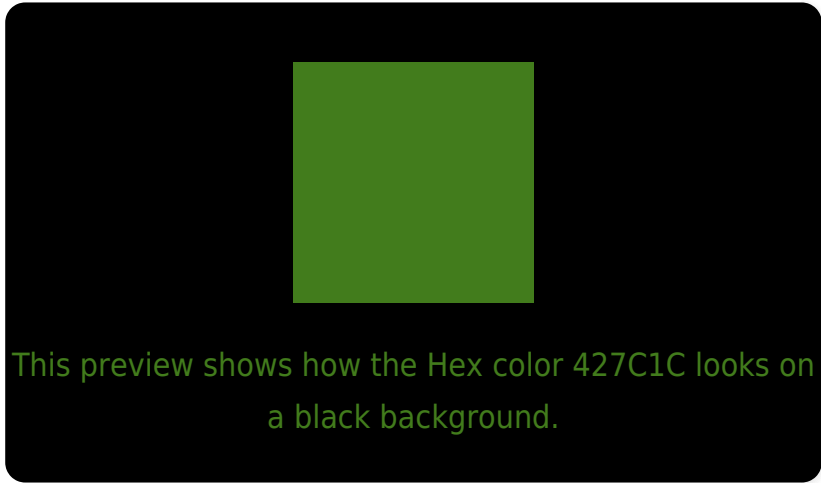
Large Text (above 18pt) WCAG AA ✓ Pass

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

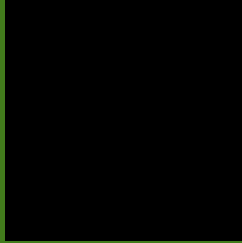
Any Text WCAG AA × Fail

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 427C1C Background



This preview shows how black text looks on a background with the Hex color 427C1C.



This preview shows how white text looks on a background with the Hex color 427C1C.

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
427C1C

Protanopia
7B6E18

Deuteranopia
896825



Tritanopia
51747D

Trichromacy



Original Color
427C1C

Protanomaly
667319

Deuteranomaly
6F6F22

Tritanomaly
4C775A

Monochromacy



Original Color
427C1C

Achromatopsia
606060

Achromatomaly
556A47

CSS Examples

Text

The CSS property to change the color of the text to Hex 427C1C 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 #427C1C looks like.

```
.text, #text, p{  
    color:#427C1C  
}
```

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 #427C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427C1C
}
```

Border

The CSS property to change the border of an element to Hex 427C1C 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
#427C1C }
```

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

```
.border{ border-color:#427C1C }
```

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

Here you see how a box with a 4 pixel #427C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427C1C; -webkit-box-shadow:4px 4px  
4px 4px #427C1C; box-shadow:4px 4px 4px  
4px #427C1C }
```

Background

The CSS property to change the background color of an element to Hex 427C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427C1C }
```

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

```
.background{ background-color:#427C1C }
```

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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