

Converting Colors

Hex(428C00)

Have a look what the booklet for
Hex(428C00) contains.

Hex(428C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(428C00)

Conversions

Conversions Part 1

Format	Color
Hex	428C00
RGB	66, 140, 0
RGB Percent	26%, 55%, 0%
CMY	0.7412, 0.4510, 1.0000
CMYK	0.53, 0.00, 1.00, 0.45
HSL	92°, 100%, 27%
HSV	92°, 100%, 55%
XYZ	11.6249, 19.9144, 3.2312
YIQ	101.9140, 0.8360, -59.2280

Conversions

Conversions Part 2

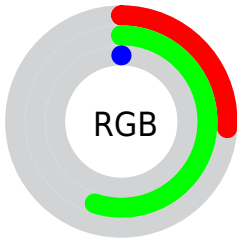
Format	Color
RYB	0, 140, 74
Decimal	4361216
CIELab	51.74, -43.79, 54.87
CIELCh	52, 70.206, 128.592
Yxy	19.9144, 0.3343, 0.5727
Android (android.graphics.Color)	4282551296 (0xFF428C00)
YUV	101.9140, -50.2436, -31.4966
Hunter-Lab	44.6256, -31.5959, 26.9449

Details

The Hex color **428C00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4A008C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7AC243**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **428C00**, and if you desaturate by 10%, it is **498C0E**.

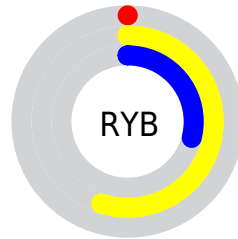
Distribution



Red (26%)

Green (55%)

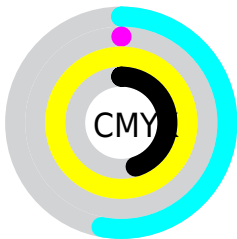
Blue (0%)



Red (0%)

Yellow (55%)

Blue (29%)

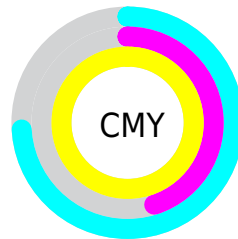


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (74%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428C00 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 428C00 by changing the saturation by 10% instead.

 428C00

 428C00

FFFFFF

 237200

 7AC243

 005900

 96DE5E

 004100

 B3FB79

 002B00

 D0FF94

 000C00

 EDFFB0

 000000

 FFFFCC

 FFFF E9

 428C00

 498C0E

 518C1C

 588C2A

 608C38

 678C46

 6E8C54

 768C62

 7D8C70

 858C7E

Harmonies

Analogous

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



857E00



428C00



00934D

Triad

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



428C00



008EEC



E4336D

Complementary

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



428C00



4A008C

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.



CF42A9



428C00



007DF3

Square

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



428C00



0095C5



9162DA



D94A33

Rectangle

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



428C00



009577



9162DA



E13381

Sweetspot

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



428C00



98B57F



8C4800



4A5C3B



DBDBDB



5C5C5C

Same Dimension

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



428C00



55B500



008C02



41453E



3F8500



020500

Inverse Universe

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



4A008C



6000B5



8C008A



423E45



460085



030005

Previews

White Background



This preview shows how the Hex color 428C00 looks on a white background.

Color Contrast Check

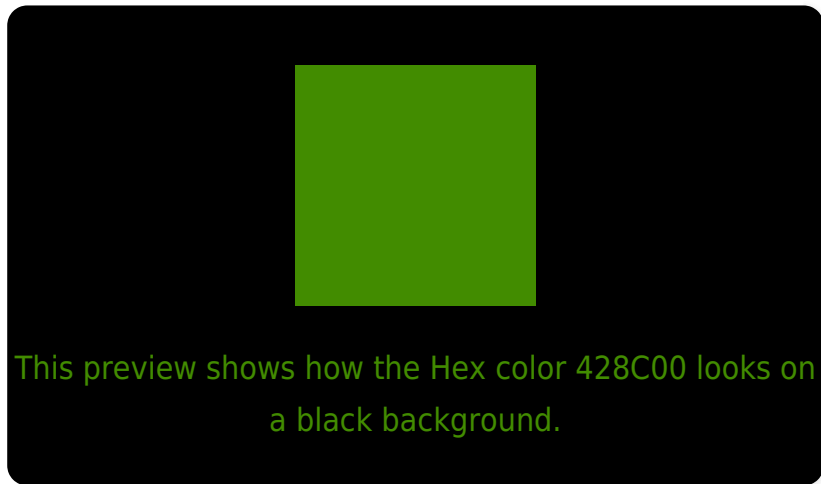
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 428C00 Background



This preview shows how black text looks on a background with the Hex color 428C00.



This preview shows how white text looks on a background with the Hex color 428C00.

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
428C00

Protanopia
8B7B00

Deuteranopia
9A741D



Tritanopia
56828D

Trichromacy



Original Color
428C00

Protanomaly
708100

Deuteranomaly
7A7D12

Tritanomaly
4F865A

Monochromacy



Original Color
428C00

Achromatopsia
666666

Achromatomaly
597441

CSS Examples

Text

The CSS property to change the color of the text to Hex 428C00 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 #428C00 looks like.

```
.text, #text, p{  
    color:#428C00  
}
```

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 #428C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428C00
}
```

Border

The CSS property to change the border of an element to Hex 428C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

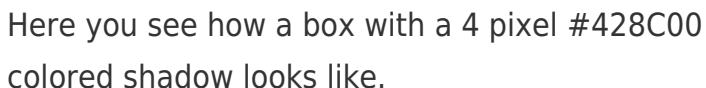
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#428C00 }
```

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

```
.border{ border-color:#428C00 }
```

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



Here you see how a box with a 4 pixel #428C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428C00; -webkit-box-shadow:4px 4px  
4px 4px #428C00; box-shadow:4px 4px 4px  
4px #428C00 }
```

Background

The CSS property to change the background color of an element to Hex 428C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428C00 }
```

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

```
.background{ background-color:#428C00 }
```

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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