

Converting Colors

Hex(428B4C)

Have a look what the booklet for
Hex(428B4C) contains.

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Color

Hex(428B4C)

Conversions

Conversions Part 1

Format	Color
Hex	428B4C
RGB	66, 139, 76
RGB Percent	26%, 55%, 30%
CMY	0.7412, 0.4549, 0.7020
CMYK	0.53, 0.00, 0.45, 0.45
HSL	128°, 36%, 40%
HSV	128°, 53%, 55%
XYZ	12.7839, 20.1453, 10.0521
YIQ	109.9910, -23.2850, -35.0690

Conversions

Conversions Part 2

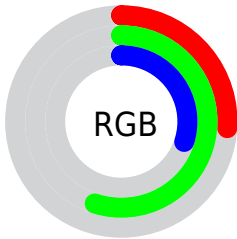
Format	Color
RYB	66, 130, 139
Decimal	4361036
CIELab	52.00, -36.93, 26.85
CIELCh	52, 45.658, 143.978
Yxy	20.1453, 0.2974, 0.4687
Android (android.graphics.Color)	4282551116 (0xFF428B4C)
YUV	109.9910, -16.7576, -38.5801
Hunter-Lab	44.8835, -27.7051, 18.1398

Details

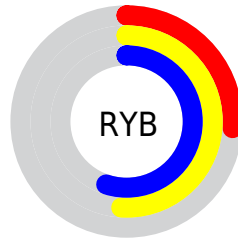
The Hex color **428B4C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B4281**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **77C17E**, and **01581E** is the 20% darker color. If you saturate the color by 10%, you get **348B40**, and if you desaturate by 10%, it is **508B58**.

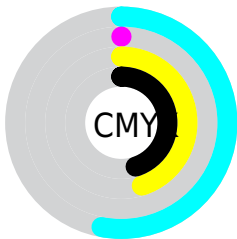
Distribution



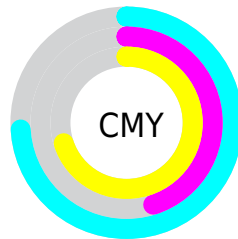
- Red (26%)
- Green (55%)
- Blue (30%)



- Red (26%)
- Yellow (51%)
- Blue (55%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428B4C 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 428B4C by changing the saturation by 10% instead.

 428B4C

 428B4C

FFFFFF

 267134

 77C17E

 01581E

 93DD98

 004006

 AEFAB3

 002A00

 CBFFCF

 000D00

 E7FFEB

 000000

 428B4C

 428B4C

 348B40

 508B58

 268B34

 5E8B64

 188B28

 6C8B70

 0A8B1C

 7A8B7C

 008B13

 888B88

 958B94

 A38BA0

 B18BAC

 BF8BB8

Harmonies

Analogous

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



738330



428B4C



008F73

Triad

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



428B4C



0083CA



C45C5E

Complementary

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



428B4C



8B4281

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.



BF5A86



428B4C



7175C4

Square

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



428B4C



008BBB



A465AA



B5683D

Rectangle

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



428B4C



008F8E



A465AA



C55A6B

Sweetspot

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



428B4C



98B59C



818B42



4A5C4D



DBDBDB



5C5C5C

Same Dimension

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



428B4C



43B553



428B70



3E453F



008512



000501

Inverse Universe

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



8B4281



B543A5



8B425D



453E44



850072



050004

Previews

White Background



This preview shows how the Hex color 428B4C looks on a white background.

Color Contrast Check

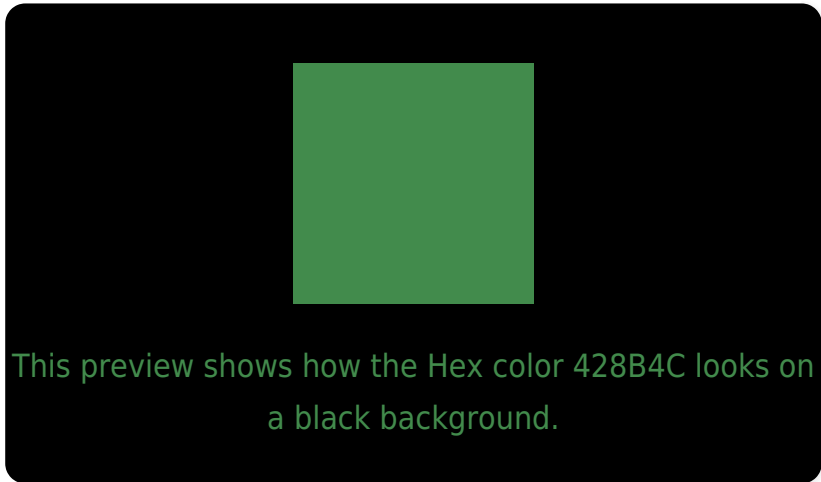
Large Text (above 18pt) WCAG AA ✓ Pass

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 428B4C Background



This preview shows how black text looks on a background with the Hex color 428B4C.



This preview shows how white text looks on a background with the Hex color 428B4C.

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
428B4C

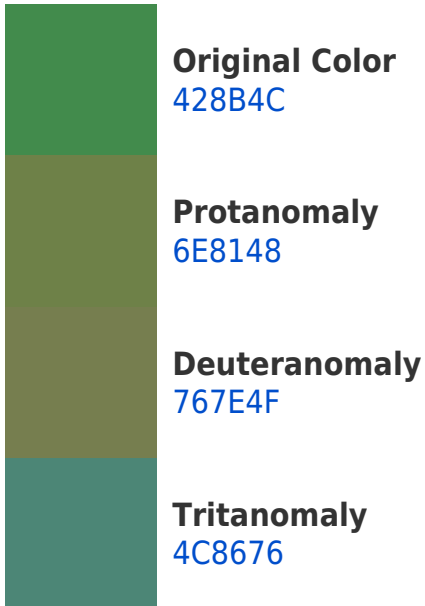
Protanopia
877B46

Deuteranopia
947651



Tritanopia
52838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428B4C 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 #428B4C looks like.

```
.text, #text, p{  
    color:#428B4C  
}
```

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 #428B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428B4C
}
```

Border

The CSS property to change the border of an element to Hex 428B4C 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
#428B4C }
```

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

```
.border{ border-color:#428B4C }
```

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

Here you see how a box with a 4 pixel #428B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428B4C; -webkit-box-shadow:4px 4px  
4px 4px #428B4C; box-shadow:4px 4px 4px  
4px #428B4C }
```

Background

The CSS property to change the background color of an element to Hex 428B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428B4C }
```

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

```
.background{ background-color:#428B4C }
```

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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