

Converting Colors

Hex(428039)

Have a look what the booklet for
Hex(428039) contains.

Hex(428039)	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(428039)

Conversions

Conversions Part 1

Format	Color
Hex	428039
RGB	66, 128, 57
RGB Percent	26%, 50%, 22%
CMY	0.7412, 0.4980, 0.7765
CMYK	0.48, 0.00, 0.55, 0.50
HSL	112°, 38%, 36%
HSV	112°, 55%, 50%
XYZ	10.7045, 16.8920, 6.5672
YIQ	101.3680, -14.1610, -35.2250

Conversions

Conversions Part 2

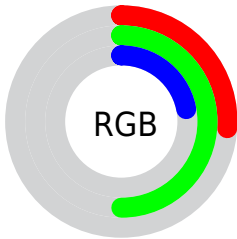
Format	Color
RYB	57, 128, 119
Decimal	4358201
CIELab	48.12, -34.93, 32.12
CIELCh	48, 47.460, 137.400
Yxy	16.8920, 0.3133, 0.4944
Android (android.graphics.Color)	4282548281 (0xFF428039)
YUV	101.3680, -21.8734, -31.0177
Hunter-Lab	41.0999, -25.4345, 19.2962

Details

The Hex color **428039** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **773980**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **77B56A**, and **064E08** is the 20% darker color. If you saturate the color by 10%, you get **37802C**, and if you desaturate by 10%, it is **4D8046**.

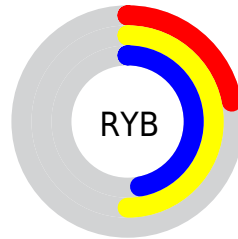
Distribution



Red (26%)

Green (50%)

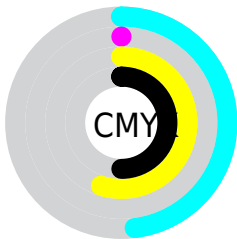
Blue (22%)



Red (22%)

Yellow (50%)

Blue (47%)

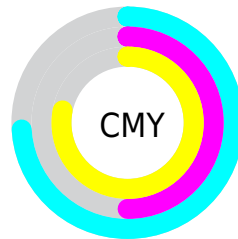


Cyan (48%)

Magenta (0%)

Yellow (55%)

Black (50%)



Cyan (74%)

Magenta (50%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428039 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 428039 by changing the saturation by 10% instead.

 428039

 428039

FFFFFF

 276721

 77B56A

 064E08

 91D184

 003600

 ADEE9E

 002300

 C9FFBA

 000000

 E6FFD5

 FFFFF2

 428039

 428039

 37802C

 4D8046

 2C801F

 588053

 208013

 64805F

 158006

 6F806C

 108000

 7A8079

 858086

 908093

 9B809F

 A780AC

Harmonies

Analogous

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



71771E



428039



00855F

Triad

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



428039



007CC0



BB4E5D

Complementary

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



428039



773980

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.



B35085



428039



546FBF

Square

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



428039



0083AC



925EA9



B05A38

Rectangle

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



428039



00867B



925EA9



BB4D6A

Sweetspot

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



428039



8DA68A



807739



455443



D4D4D4



545454

Same Dimension

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



428039



45A637



398053



3A4039



108000



000000

Inverse Universe

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



773980



9837A6



803966



3F3940



6F0080



000000

Previews

White Background



This preview shows how the Hex color 428039 looks on a white background.

Color Contrast Check

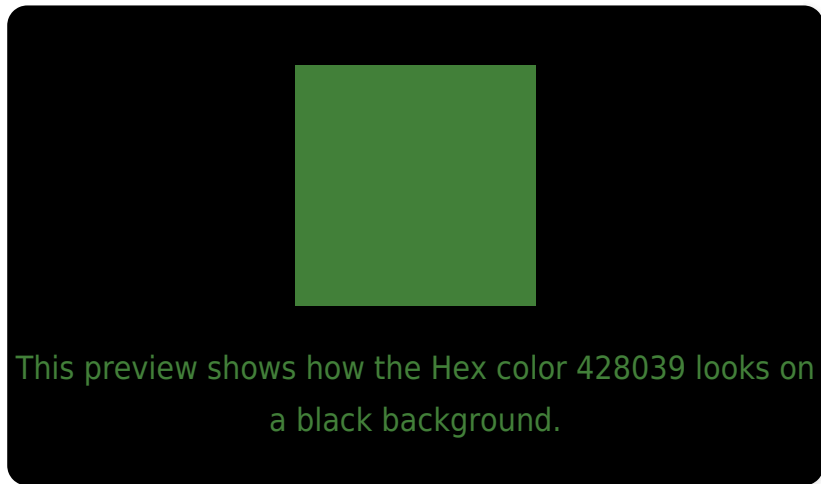
Large Text (above 18pt) WCAG AA ✓ Pass

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

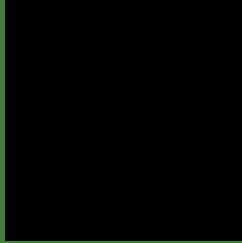
Any Text WCAG AA × Fail

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 428039 Background



This preview shows how black text looks on a background with the Hex color 428039.



This preview shows how white text looks on a background with the Hex color 428039.

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

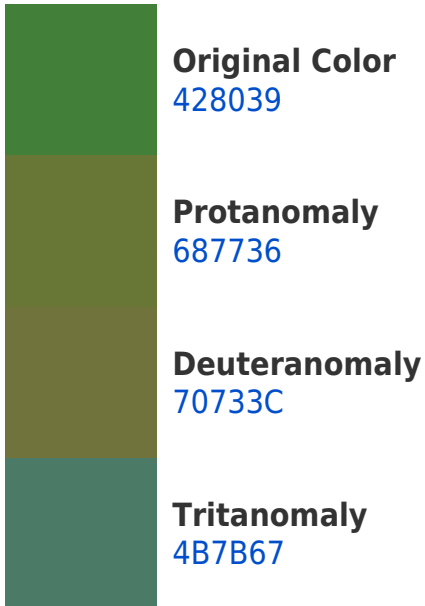


Original Color
428039

Protanopia
7E7234

Deuteranopia
8B6C3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428039 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 #428039 looks like.

```
.text, #text, p{  
    color:#428039  
}
```

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 #428039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428039
}
```

Border

The CSS property to change the border of an element to Hex 428039 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
#428039 }
```

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

```
.border{ border-color:#428039 }
```

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

Here you see how a box with a 4 pixel #428039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428039; -webkit-box-shadow:4px 4px  
4px 4px #428039; box-shadow:4px 4px 4px  
4px #428039 }
```

Background

The CSS property to change the background color of an element to Hex 428039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428039 }
```

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

```
.background{ background-color:#428039 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor