

Converting Colors

Hex(428011)

Have a look what the booklet for
Hex(428011) contains.

Hex(428011)	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(428011)

Conversions

Conversions Part 1

Format	Color
Hex	428011
RGB	66, 128, 17
RGB Percent	26%, 50%, 7%
CMY	0.7412, 0.4980, 0.9333
CMYK	0.48, 0.00, 0.87, 0.50
HSL	94°, 77%, 28%
HSV	94°, 87%, 50%
XYZ	10.0671, 16.6371, 3.2110
YIQ	96.8080, -1.3210, -47.6650

Conversions

Conversions Part 2

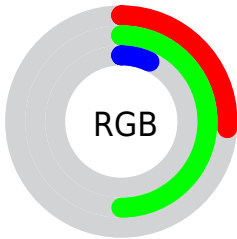
Format	Color
RYB	17, 128, 79
Decimal	4358161
CIELab	47.80, -38.43, 48.21
CIELCh	48, 61.650, 128.559
Yxy	16.6371, 0.3365, 0.5561
Android (android.graphics.Color)	4282548241 (0xFF428011)
YUV	96.8080, -39.3453, -27.0186
Hunter-Lab	40.7886, -27.3240, 23.8845

Details

The Hex color **428011** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F1180**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **78B548**, and **034E00** is the 20% darker color. If you saturate the color by 10%, you get **3B8004**, and if you desaturate by 10%, it is **49801E**.

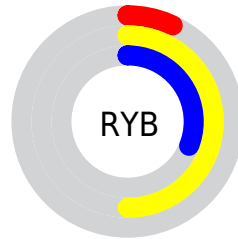
Distribution



Red (26%)

Green (50%)

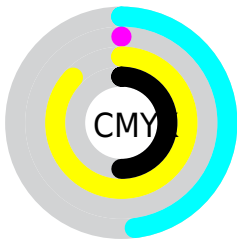
Blue (7%)



Red (7%)

Yellow (50%)

Blue (31%)

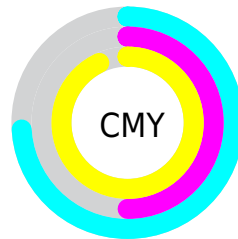


Cyan (48%)

Magenta (0%)

Yellow (87%)

Black (50%)



Cyan (74%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428011 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 428011 by changing the saturation by 10% instead.

 428011

 428011

FFFFFF

 266700

 78B548

 034E00

 94D162

 003600

 B0EE7D

 002200

 CCFF98

 000000

 E9FFB3

 FFFFCF

 FFFFEC

 428011

 428011

■ 3B8004

■ 49801E

■ 398000

■ 50802B

■ 578037

■ 5F8044

■ 668051

■ 6D805E

■ 74806B

■ 7B8077

■ 828084

Harmonies

Analogous

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



7B7400



428011



008649

Triad

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



428011



0081D2



CD3765

Complementary

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



428011



4F1180

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.



BA4299



428011



0073D9

Square

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



428011



0088B1



855CC3



C44833

Rectangle

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



428011



00886D



855CC3



CA3876

Sweetspot

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



428011



8EA67B



804E11



46543A



D4D4D4



545454

Same Dimension

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



428011



49A600



118017



3C4039



388000



000000

Inverse Universe

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



4F1180



5D00A6



80117A



3D3940



470080



000000

Previews

White Background



This preview shows how the Hex color 428011 looks on a white background.

Color Contrast Check

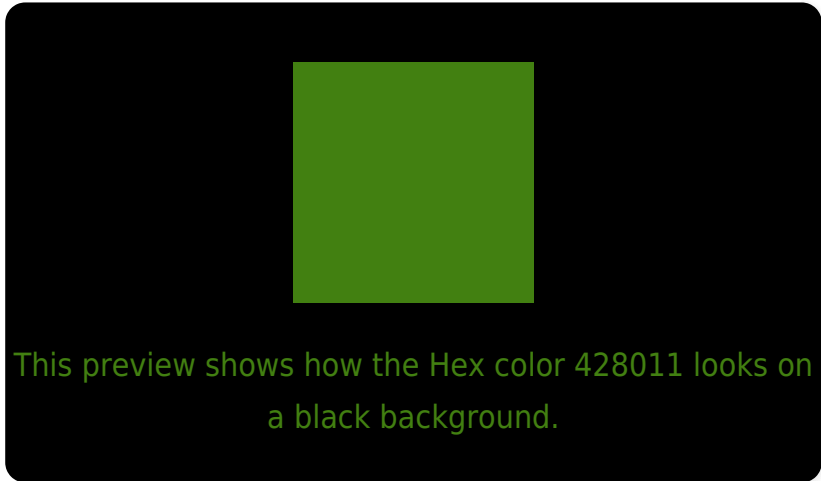
Large Text (above 18pt) WCAG AA ✓ Pass

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 428011 Background



This preview shows how black text looks on a background with the Hex color 428011.



This preview shows how white text looks on a background with the Hex color 428011.

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
428011

Protanopia
7F710C

Deuteranopia
8E6B1E



Tritanopia
527781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428011 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 #428011 looks like.

```
.text, #text, p{  
    color:#428011  
}
```

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 #428011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428011
}
```

Border

The CSS property to change the border of an element to Hex 428011 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
#428011 }
```

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

```
.border{ border-color:#428011 }
```

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

Here you see how a box with a 4 pixel #428011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428011; -webkit-box-shadow:4px 4px  
4px 4px #428011; box-shadow:4px 4px 4px  
4px #428011 }
```

Background

The CSS property to change the background color of an element to Hex 428011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428011 }
```

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

```
.background{ background-color:#428011 }
```

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