

Converting Colors

Hex(408C00)

Have a look what the booklet for
Hex(408C00) contains.

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Color

Hex(408C00)

Conversions

Conversions Part 1

Format	Color
Hex	408C00
RGB	64, 140, 0
RGB Percent	25%, 55%, 0%
CMY	0.7490, 0.4510, 1.0000
CMYK	0.54, 0.00, 1.00, 0.45
HSL	93°, 100%, 27%
HSV	93°, 100%, 55%
XYZ	11.4924, 19.8462, 3.2250
YIQ	101.3160, -0.3560, -59.6520

Conversions

Conversions Part 2

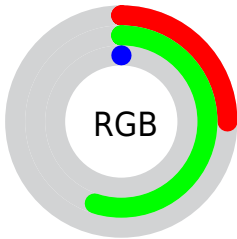
Format	Color
RYB	0, 140, 76
Decimal	4230144
CIELab	51.66, -44.40, 54.78
CIELCh	52, 70.517, 129.028
Yxy	19.8462, 0.3325, 0.5742
Android (android.graphics.Color)	4282420224 (0xFF408C00)
YUV	101.3160, -49.9488, -32.7261
Hunter-Lab	44.5490, -31.9127, 26.8922

Details

The Hex color **408C00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4C008C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **78C243**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **408C00**, and if you desaturate by 10%, it is **488C0E**.

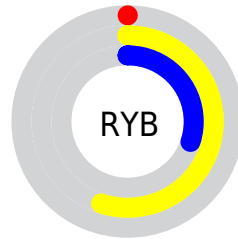
Distribution



Red (25%)

Green (55%)

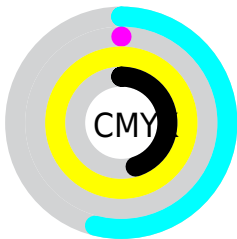
Blue (0%)



Red (0%)

Yellow (55%)

Blue (30%)

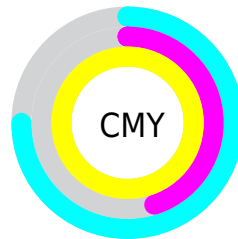


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 408C00 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 408C00 by changing the saturation by 10% instead.

 408C00

 408C00

FFFFFF

 207200

 78C243

 005900

 95DF5E

 004100

 B1FB79

 002B00

 CEFF94

 000B00

 EBFFB0

 000000

 FFFFCC

 FFFF99

 408C00

 488C0E

 4F8C1C

 578C2A

 5E8C38

 668C46

 6E8C54

 758C62

 7D8C70

 848C7E

Harmonies

Analogous

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



847E00



408C00



00934D

Triad

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



408C00



008DEC



E4326C

Complementary

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



408C00



4C008C

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.



CF40A8



408C00



007DF4

Square

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



408C00



0094C6



9262DA



D94A32

Rectangle

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



408C00



009577



9262DA



E13280

Sweetspot

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



408C00



98B57F



8C4B00



4A5C3B



DBDBDB



5C5C5C

Same Dimension

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



408C00



53B500



008C05



41453E



3D8500



020500

Inverse Universe

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



4C008C



6200B5



8C0087



423E45



480085



030005

Previews

White Background



This preview shows how the Hex color 408C00 looks on a white background.

Color Contrast Check

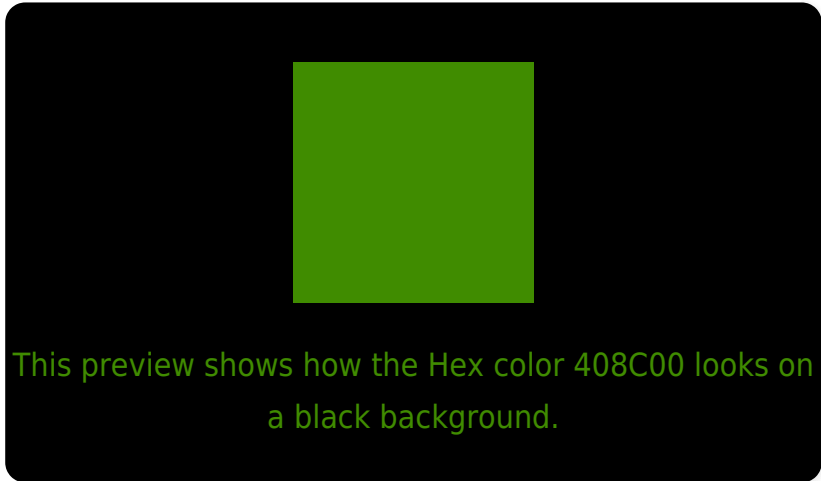
Large Text (above 18pt) WCAG AA ✓ Pass

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 408C00 Background



This preview shows how black text looks on a background with the Hex color 408C00.

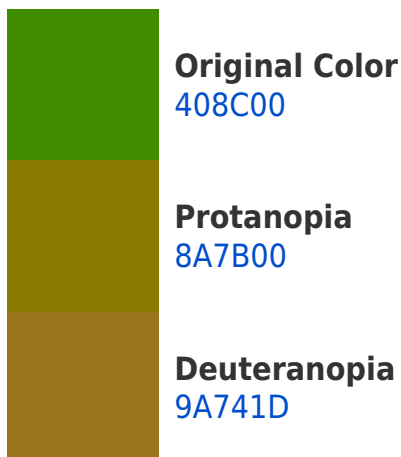



This preview shows how white text looks on a background with the Hex color 408C00.

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](#).

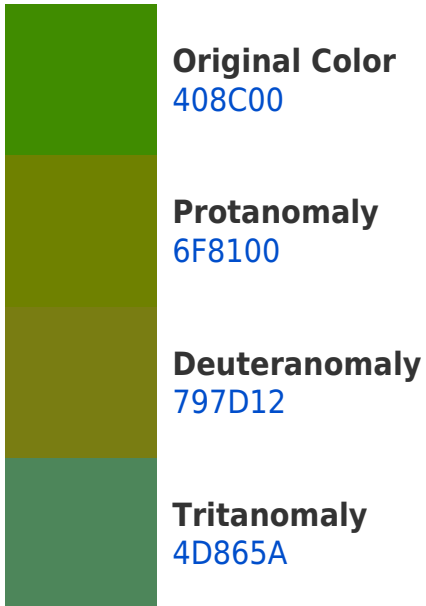
Dichromacy





Tritanopia
54828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 408C00 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 #408C00 looks like.

```
.text, #text, p{  
    color:#408C00  
}
```

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 #408C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408C00
}
```

Border

The CSS property to change the border of an element to Hex 408C00 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
#408C00 }
```

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

```
.border{ border-color:#408C00 }
```

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

Here you see how a box with a 4 pixel #408C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408C00; -webkit-box-shadow:4px 4px  
4px 4px #408C00; box-shadow:4px 4px 4px  
4px #408C00 }
```

Background

The CSS property to change the background color of an element to Hex 408C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408C00 }
```

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

```
.background{ background-color:#408C00 }
```

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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