

Converting Colors

Hex(408645)

Have a look what the booklet for
Hex(408645) contains.

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Color

Hex(408645)

Conversions

Conversions Part 1

Format	Color
Hex	408645
RGB	64, 134, 69
RGB Percent	25%, 53%, 27%
CMY	0.7490, 0.4745, 0.7294
CMYK	0.52, 0.00, 0.49, 0.47
HSL	124°, 35%, 39%
HSV	124°, 52%, 53%
XYZ	11.7136, 18.5699, 8.5972
YIQ	105.6600, -20.8550, -35.0550

Conversions

Conversions Part 2

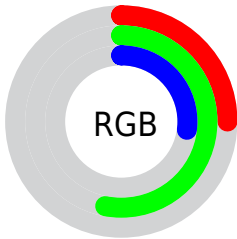
Format	Color
RYB	64, 129, 134
Decimal	4228677
CIELab	50.18, -36.44, 28.30
CIELCh	50, 46.138, 142.163
Yxy	18.5699, 0.3013, 0.4776
Android (android.graphics.Color)	4282418757 (0xFF408645)
YUV	105.6600, -18.0734, -36.5358
Hunter-Lab	43.0928, -26.8918, 18.3363




Details

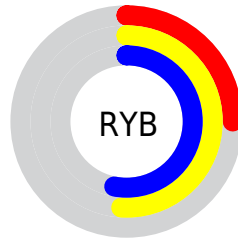
The Hex color **408645** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **864081**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **75BC76**, and **005317** is the 20% darker color. If you saturate the color by 10%, you get **338639**, and if you desaturate by 10%, it is **4D8651**.

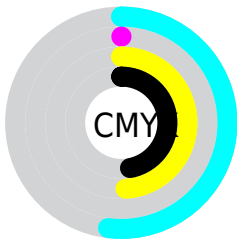
Distribution







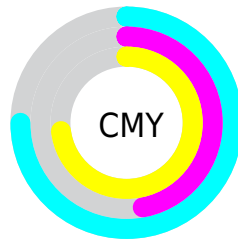
-  Red (25%)
-  Green (53%)
-  Blue (27%)






-  Red (25%)
-  Yellow (51%)
-  Blue (53%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (49%)
-  Black (47%)



-  Cyan (75%)
-  Magenta (47%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 408645 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 408645 by changing the saturation by 10% instead.



408645



408645

FFFFFF



246C2E



75BC76



005317



90D890



003C00



ACF5AB



002600



C8FFC7



000100



E5FFE3



000000



408645



408645



338639



4D8651



25862C



5B865E

■ 188620

■ 68866A

■ 0A8613

■ 768677

■ 00860A

■ 838683

■ 908690

■ 9E869C

■ AB86A9

■ B986B5

Harmonies

Analogous

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



707E29



408645



008A6B

Triad

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



408645



007FC5



BF565C

Complementary

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



408645



864081

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.



BA5583



408645



6771C0

Square

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



408645



0087B5



9D61A8



B1633A

Rectangle

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



408645



008B87



9D61A8



C05469

Sweetspot

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



408645



92AD94



818640



465747



D6D6D6



575757

Same Dimension

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



408645



40AD48



408668



3C423C



008209



000300

Inverse Universe

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



864081



AD40A6



86405E



423C42



820079



030002

Previews

White Background



This preview shows how the Hex color 408645 looks on a white background.

Color Contrast Check

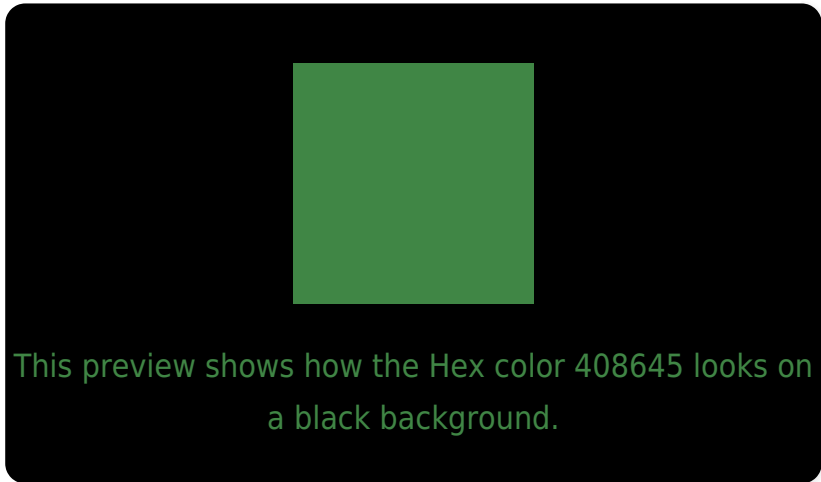
Large Text (above 18pt) WCAG AA ✓ Pass

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

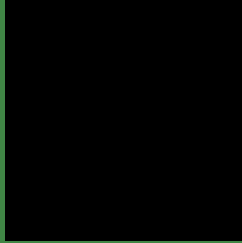
Any Text WCAG AA ✓ Pass

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 408645 Background



This preview shows how black text looks on a background with the Hex color 408645.



This preview shows how white text looks on a background with the Hex color 408645.

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
408645

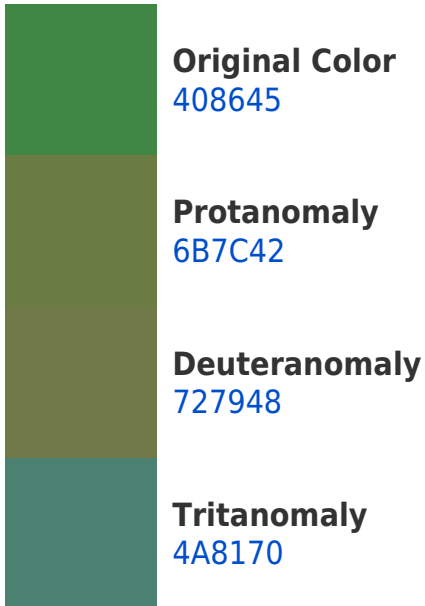
Protanopia
837740

Deuteranopia
8F714A

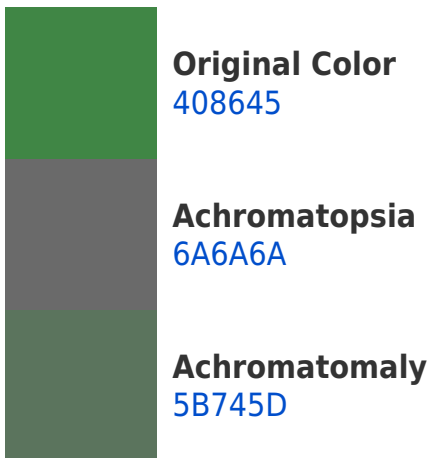


Tritanopia
4F7E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 408645 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 #408645 looks like.

```
.text, #text, p{  
    color:#408645  
}
```

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 #408645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408645
}
```

Border

The CSS property to change the border of an element to Hex 408645 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
#408645 }
```

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

```
.border{ border-color:#408645 }
```

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

Here you see how a box with a 4 pixel #408645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408645; -webkit-box-shadow:4px 4px  
4px 4px #408645; box-shadow:4px 4px 4px  
4px #408645 }
```

Background

The CSS property to change the background color of an element to Hex 408645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408645 }
```

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

```
.background{ background-color:#408645 }
```

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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