

Converting Colors

Hex(408233)

Have a look what the booklet for
Hex(408233) contains.

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Color

Hex(408233)

Conversions

Conversions Part 1

Format	Color
Hex	408233
RGB	64, 130, 51
RGB Percent	25%, 51%, 20%
CMY	0.7490, 0.4902, 0.8000
CMYK	0.51, 0.00, 0.61, 0.49
HSL	110°, 44%, 35%
HSV	110°, 61%, 51%
XYZ	10.6945, 17.2943, 5.9064
YIQ	101.2600, -13.9770, -38.5610

Conversions

Conversions Part 2

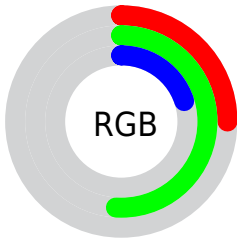
Format	Color
RYB	51, 130, 117
Decimal	4227635
CIELab	48.63, -37.19, 35.72
CIELCh	49, 51.562, 136.153
Yxy	17.2943, 0.3155, 0.5102
Android (android.graphics.Color)	4282417715 (0xFF408233)
YUV	101.2600, -24.7782, -32.6770
Hunter-Lab	41.5864, -26.8724, 20.6896

Details

The Hex color **408233** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **753382**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **75B864**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **358226**, and if you desaturate by 10%, it is **4B8240**.

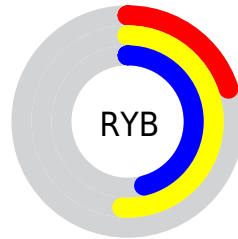
Distribution



Red (25%)

Green (51%)

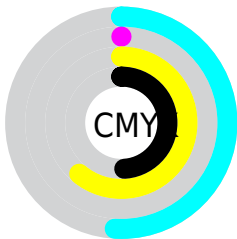
Blue (20%)



Red (20%)

Yellow (51%)

Blue (46%)

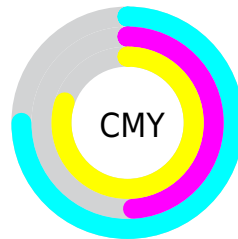


Cyan (51%)

Magenta (0%)

Yellow (61%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 408233 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 408233 by changing the saturation by 10% instead.



408233



408233

FFFFFF



24681B



75B864



005000



90D37E



003800



ACF098



002400



C8FFB4



000000



E5FFCF



FFFEC



408233



408233



358226



4B8240

 2A8219

 56824D

 1F820C

 61825A

 158200

 6B8267

 768274

 818281

 8C828E

 97829B

 A282A8

Harmonies

Analogous

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



737913



408233



00875D

Triad

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



408233



007EC8



C24A5E

Complementary

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



408233



753382

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.



B84D8A



408233



4B70C8

Square

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



408233



0086B2



935DB0



B75836

Rectangle

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



408233



00887C



935DB0



C2496C

Sweetspot

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



408233



8FA88A



827533



455442



D4D4D4



545454

Same Dimension

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



408233



42A82D



33824D



3A4039



158000



000000

Inverse Universe

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



753382



942DA8



823368



3F3940



6B0080



000000

Previews

White Background



This preview shows how the Hex color 408233 looks on a white background.

Color Contrast Check

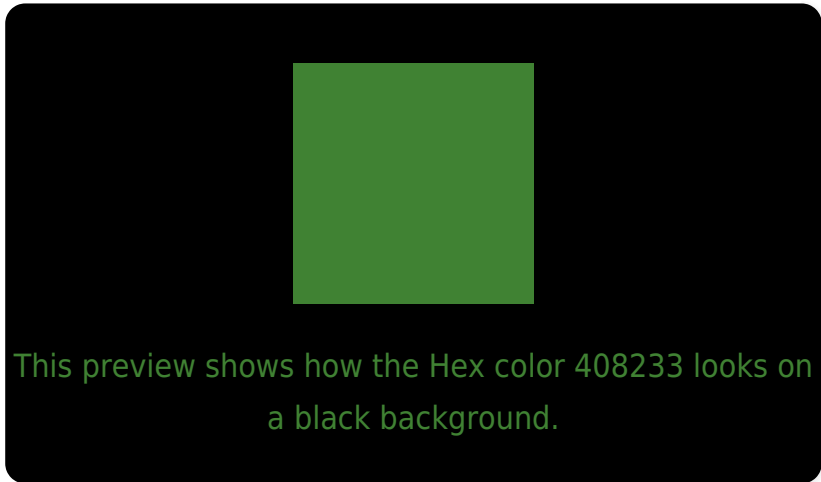
Large Text (above 18pt) WCAG AA ✓ Pass

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 408233 Background



This preview shows how black text looks on a background with the Hex color 408233.




This preview shows how white text looks on a background with the Hex color 408233.

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](#).

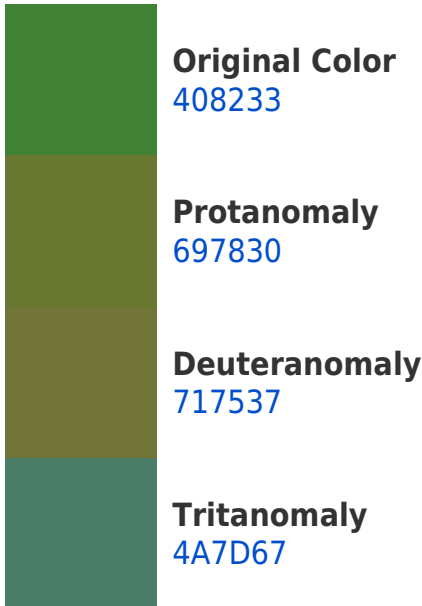
Dichromacy



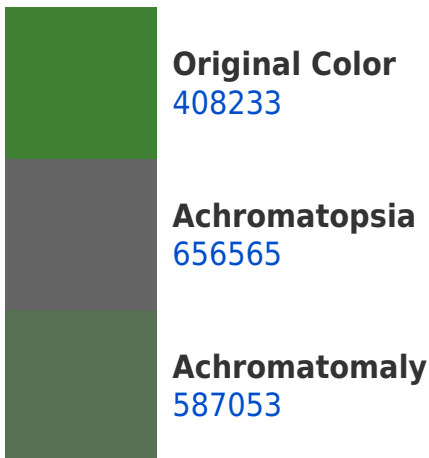


Tritanopia
507A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 408233 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 #408233 looks like.

```
.text, #text, p{  
    color:#408233  
}
```

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 #408233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408233
}
```

Border

The CSS property to change the border of an element to Hex 408233 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
#408233 }
```

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

```
.border{ border-color:#408233 }
```

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

Here you see how a box with a 4 pixel #408233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408233; -webkit-box-shadow:4px 4px  
4px 4px #408233; box-shadow:4px 4px 4px  
4px #408233 }
```

Background

The CSS property to change the background color of an element to Hex 408233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408233 }
```

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

```
.background{ background-color:#408233 }
```

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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