

# Converting Colors

Hex(408144)

Have a look what the booklet for  
Hex(408144) contains.

<b>Hex(408144)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(408144)

# Conversions

## Conversions Part 1

Format	Color
Hex	408144
RGB	64, 129, 68
RGB Percent	25%, 51%, 27%
CMY	0.7490, 0.4941, 0.7333
CMYK	0.50, 0.00, 0.47, 0.49
HSL	124°, 34%, 38%
HSV	124°, 50%, 51%
XYZ	11.0080, 17.2079, 8.2101
YIQ	102.6110, -19.1590, -32.7510

# Conversions

## Conversions Part 2

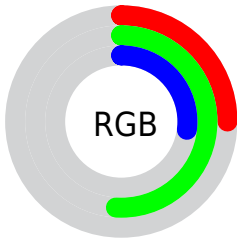
Format	Color
R <sub>YB</sub>	64, 125, 129
Decimal	4227396
CIE <sub>Lab</sub>	48.52, -34.39, 26.75
CIE <sub>LCh</sub>	49, 43.565, 142.121
Yxy	17.2079, 0.3022, 0.4724
Android (android.graphics.Color)	4282417476 (0xFF408144)
YUV	102.6110, -17.0632, -33.8618
Hunter-Lab	41.4824, -25.2263, 17.3031

# Details

The Hex color **408144** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **81407D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **74B675**, and **034F16** is the 20% darker color. If you saturate the color by 10%, you get **338138**, and if you desaturate by 10%, it is **4D8150**.

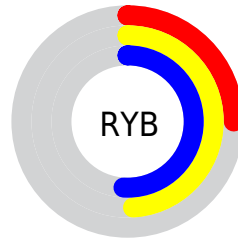
# Distribution



Red (25%)

Green (51%)

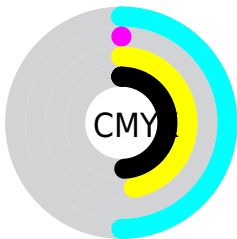
Blue (27%)



Red (25%)

Yellow (49%)

Blue (51%)

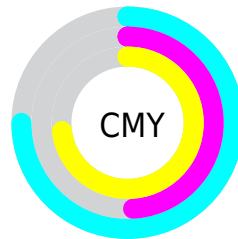


Cyan (50%)

Magenta (0%)

Yellow (47%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 408144 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 408144 by changing the saturation by 10% instead.





408144



408144

FFFFFF



25672D



74B675



034F16



8FD28F



003700



ABEFAA



002300



C7FFC5



000000



E3FFE1

FFFFFFE



408144



408144



338138



4D8150

■ 26812C

■ 5A815C

■ 198120

■ 678168

■ 0C8114

■ 748174

■ 008108

■ 818181

■ 8D818D

■ 9A8199

■ A781A5

■ B481B1

# Harmonies

## Analogous

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



6D792B



408144



008568

# Triad

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



408144



007ABC



B7545A

# Complementary

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



408144



81407D

# 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.



B2547F



408144



646DB8

# Square

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



408144



0082AD



975EA1



AA603A

# Rectangle

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



408144



008582



975EA1



B75366



# Sweetspot

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



408144



8FA891



7E8140



455446



D4D4D4



545454



# Same Dimension

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



408144



43A84A



408164



39403A



008008



000000



# Inverse Universe

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



81407D



A843A2



81405D



40393F



800078



000000



# Previews

## White Background



This preview shows how the Hex color 408144 looks on a white background.

## Color Contrast Check

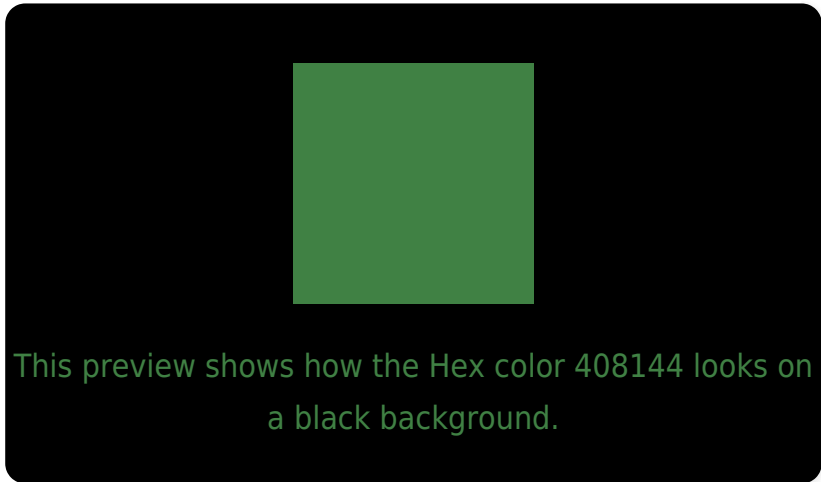
Large Text (above 18pt) WCAG AA ✓ Pass

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 408144 Background



This preview shows how black text looks on a background with the Hex color 408144.



This preview shows how white text looks on a background with the Hex color 408144.

# 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**  
408144

**Protanopia**  
7E733F

**Deuteranopia**  
8A6E49

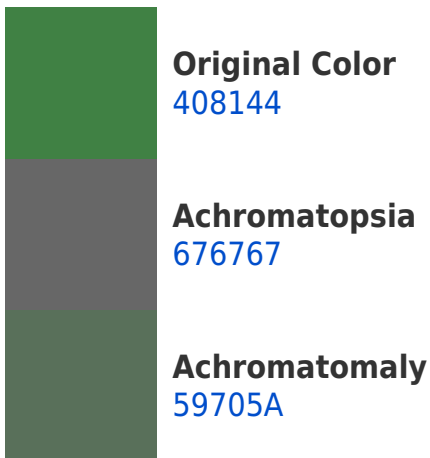


**Tritanopia**  
4E7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 408144 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 #408144 looks like.

```
.text, #text, p{  
    color:#408144  
}
```

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 #408144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408144
}
```

## Border

The CSS property to change the border of an element to Hex 408144 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
#408144 }
```

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

```
.border{ border-color:#408144 }
```

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

Here you see how a box with a 4 pixel #408144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408144; -webkit-box-shadow:4px 4px  
4px 4px #408144; box-shadow:4px 4px 4px  
4px #408144 }
```

# Background

The CSS property to change the background color of an element to Hex 408144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408144 }
```

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

```
.background{ background-color:#408144 }
```

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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