

# Converting Colors

Hex(408425)

Have a look what the booklet for  
Hex(408425) contains.

<b>Hex(408425)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(408425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	408425
RGB	64, 132, 37
RGB Percent	25%, 52%, 15%
CMY	0.7490, 0.4824, 0.8549
CMYK	0.52, 0.00, 0.72, 0.48
HSL	103°, 56%, 33%
HSV	103°, 72%, 52%
XYZ	10.6995, 17.7261, 4.6078
YIQ	100.8380, -10.0330, -43.9610

# Conversions

## Conversions Part 2

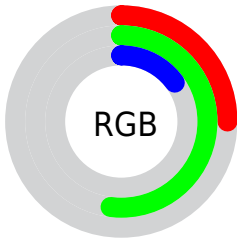
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 132, 105
Decimal	4228133
CIELab	49.16, -39.45, 42.65
CIELCh	49, 58.098, 132.765
Yxy	17.7261, 0.3239, 0.5366
Android (android.graphics.Color)	4282418213 (0xFF408425)
YUV	100.8380, -31.4721, -32.3069
Hunter-Lab	42.1024, -28.3166, 22.9828

# Details

The Hex color **408425** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **692584**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **76BA58**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **378418**, and if you desaturate by 10%, it is **498432**.

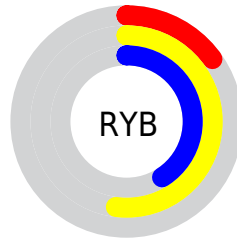
# Distribution



Red (25%)

Green (52%)

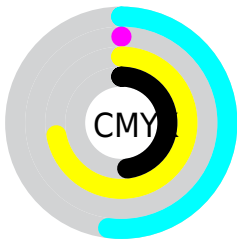
Blue (15%)



Red (15%)

Yellow (52%)

Blue (41%)

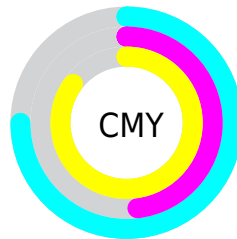


Cyan (52%)

Magenta (0%)

Yellow (72%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 408425 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 408425 by changing the saturation by 10% instead.





408425



408425

FFFFFF



236A07



76BA58



005200



92D671



003A00



ADF28C



002600



CAFFA7



000000



E7FFC3



FFFFDF



FFFFFC



408425



408425

■ 378418

■ 498432

■ 2D840B

■ 53843F

■ 268400

■ 5C844D

■ 66845A

■ 6F8467

■ 798474

■ 828481

■ 8C848F

■ 95849C

# Harmonies

## Analogous

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



797900



408425



008A56

# Triad

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



408425



0082D3



CD4262

# Complementary

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



408425



692584

# 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.



BE4893



408425



2B74D6

# Square

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



408425



008AB7



915EBE



C15234

# Rectangle

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



408425



008B78



915EBE



CB4172



# Sweetspot

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



408425



90AB85



846825



475740



D6D6D6



575757



# Same Dimension

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



408425



42AB18



258438



3E423C



258200



010300



# Inverse Universe

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



692584



8118AB



842571



403C42



5D0082



020003



# Previews

## White Background



This preview shows how the Hex color 408425 looks on a white background.

## Color Contrast Check

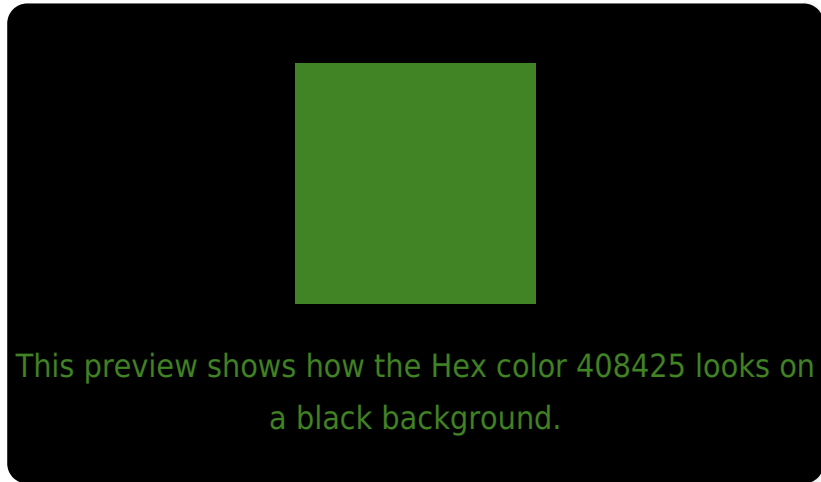
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 408425 Background



This preview shows how black text looks on a background with the Hex color 408425.



This preview shows how white text looks on a background with the Hex color 408425.

# 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**  
408425

**Protanopia**  
827421

**Deuteranopia**  
916E2D



**Tritanopia**  
517B85

# Trichromacy



**Original Color**  
408425

**Protanomaly**  
6A7A22

**Deuteranomaly**  
74762A

**Tritanomaly**  
4B7E62

# Monochromacy



**Original Color**  
408425

**Achromatopsia**  
656565

**Achromatomaly**  
58704E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 408425 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 #408425 looks like.

```
.text, #text, p{  
    color:#408425  
}
```

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 #408425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408425 }  
}
```

## Border

The CSS property to change the border of an element to Hex 408425 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".

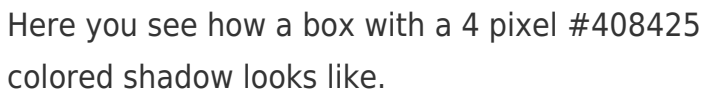
```
.border, #border, table{ border:4px solid #408425 }  
}
```

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

```
.border{ border-color:#408425 }
```

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

Here you see how a box with a 4 pixel #408425 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408425; -webkit-box-shadow:4px 4px  
4px 4px #408425; box-shadow:4px 4px 4px  
4px #408425 }
```

# Background

The CSS property to change the background color of an element to Hex 408425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408425 }
```

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

```
.background{ background-color:#408425 }
```

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