

# Converting Colors

Hex(408502)

Have a look what the booklet for  
Hex(408502) contains.

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**Color**

**Hex(408502)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	408502
RGB	64, 133, 2
RGB Percent	25%, 52%, 1%
CMY	0.7490, 0.4784, 0.9922
CMYK	0.52, 0.00, 0.98, 0.48
HSL	92°, 97%, 26%
HSV	92°, 98%, 52%
XYZ	10.5128, 17.8694, 2.9525
YIQ	97.4350, 0.9270, -55.3690

# Conversions

## Conversions Part 2

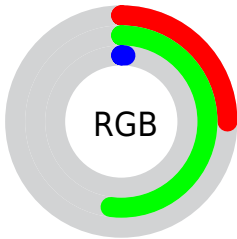
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 133, 71
Decimal	4228354
CIE <sub>Lab</sub>	49.34, -41.62, 52.56
CIE <sub>LCh</sub>	49, 67.044, 128.369
Yxy	17.8694, 0.3355, 0.5703
Android (android.graphics.Color)	4282418434 (0xFF408502)
YUV	97.4350, -47.0495, -29.3225
Hunter-Lab	42.2722, -29.5846, 25.4495

# Details

The Hex color **408502** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **470285**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **77BB42**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **3F8500**, and if you desaturate by 10%, it is **47850F**.

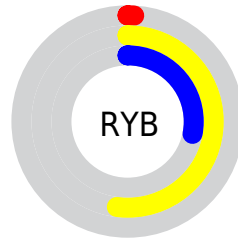
# Distribution



Red (25%)

Green (52%)

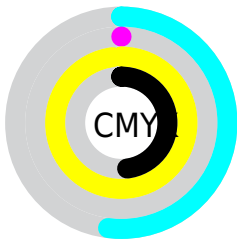
Blue (1%)



Red (1%)

Yellow (52%)

Blue (28%)

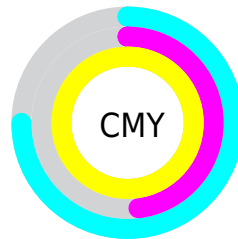


Cyan (52%)

Magenta (0%)

Yellow (98%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 408502 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 408502 by changing the saturation by 10% instead.



 408502

 408502

FFFFFF

 226B00

 77BB42

 005200

 93D75D

 003B00

 B0F378

 002600

 CCFF93

 000000

 EAFFAE

 FFFFCA

 FFFF77

 408502

 408502

■ 3F8500

■ 47850F

■ 4E851D

■ 55852A

■ 5C8537

■ 638545

■ 6A8552

■ 71855F

■ 78856C

■ 7F857A

# Harmonies

## Analogous

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



7F7800



408502



008C49

# Triad

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



408502



0087DF



D83168

# Complementary

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



408502



470285

# 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.



C43FA0



408502



0077E7

# Square

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



408502



008DBB



895ECF



CF4731

# Rectangle

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



408502



008E70



895ECF



D5327B



# Sweetspot

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



408502



92AD79



854602



465737



D6D6D6



575757



# Same Dimension

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



408502



52AD00



028504



3F423C



3E8200



010300



# Inverse Universe

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



470285



5B00AD



850283



3F3C42



440082



010003



# Previews

## White Background



This preview shows how the Hex color 408502 looks on a white background.

## Color Contrast Check

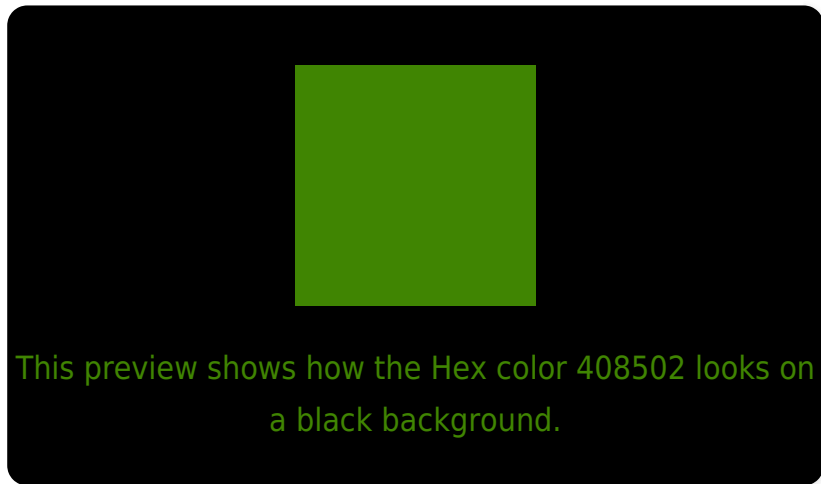
Large Text (above 18pt) WCAG AA ✓ Pass

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 408502 Background



This preview shows how black text looks on a background with the Hex color 408502.



This preview shows how white text looks on a background with the Hex color 408502.

# 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**  
408502

**Protanopia**  
847500

**Deuteranopia**  
936F1B



**Tritanopia**  
527C86

# Trichromacy



**Original Color**  
408502

**Protanomaly**  
6B7B01

**Deuteranomaly**  
757712

**Tritanomaly**  
4B7F56

# Monochromacy



**Original Color**  
408502

**Achromatopsia**  
616161

**Achromatomaly**  
556E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 408502 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 #408502 looks like.

```
.text, #text, p{  
    color:#408502  
}
```

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 #408502 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408502
}
```

## Border

The CSS property to change the border of an element to Hex 408502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

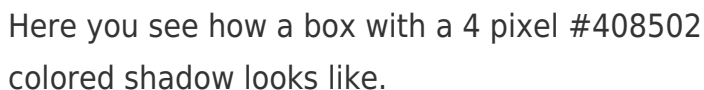
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#408502 }
```

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

```
.border{ border-color:#408502 }
```

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



Here you see how a box with a 4 pixel #408502 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408502; -webkit-box-shadow:4px 4px  
4px 4px #408502; box-shadow:4px 4px 4px  
4px #408502 }
```

# Background

The CSS property to change the background color of an element to Hex 408502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408502 }
```

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

```
.background{ background-color:#408502 }
```

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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