

# Converting Colors

Hex(5FA408)

Have a look what the booklet for  
Hex(5FA408) contains.

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**Color**

**Hex(5FA408)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5FA408
RGB	95, 164, 8
RGB Percent	37%, 64%, 3%
CMY	0.6275, 0.3569, 0.9686
CMYK	0.42, 0.00, 0.95, 0.36
HSL	87°, 91%, 34%
HSV	87°, 95%, 64%
XYZ	18.0386, 29.0013, 4.8768
YIQ	125.5850, 8.9520, -63.1440

# Conversions

## Conversions Part 2

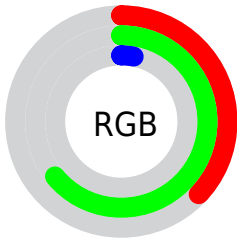
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 164, 77
Decimal	6267912
CIELab	60.78, -43.62, 61.36
CIELCh	61, 75.284, 125.412
Yxy	29.0013, 0.3475, 0.5586
Android (android.graphics.Color)	4284457992 (0xFF5FA408)
YUV	125.5850, -57.9694, -26.8230
Hunter-Lab	53.8529, -34.4521, 32.3278

# Details

The Hex color **5FA408** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4D08A4**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **98DC4C**, and **236F00** is the 20% darker color. If you saturate the color by 10%, you get **5BA400**, and if you desaturate by 10%, it is **66A418**.

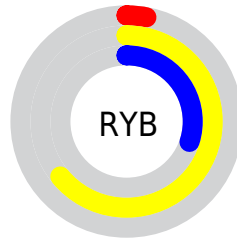
# Distribution



Red (37%)

Green (64%)

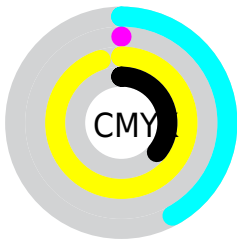
Blue (3%)



Red (3%)

Yellow (64%)

Blue (30%)

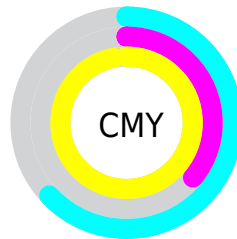


Cyan (42%)

Magenta (0%)

Yellow (95%)

Black (36%)



Cyan (63%)

Magenta (36%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FA408 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 5FA408 by changing the saturation by 10% instead.



 5FA408

 5FA408

FFFFFF

 428900

 98DC4C

 236F00

 B4F868

 005600

 D1FF83

 003E00

 EFFF9F

 002900

 FFFFBB

 000500

 FFFFD8

 000000

 FFFFF5

 5FA408

 5FA408

■ 5BA400

■ 66A418

■ 6EA429

■ 75A439

■ 7CA44A

■ 83A45A

■ 8BA46A

■ 92A47B

■ 99A48B

■ A0A49C

# Harmonies

## Analogous

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



A59400



5FA408



00AD58

# Triad

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



5FA408



00A8FF



FF4789

# Complementary

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



5FA408



4D08A4

# 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.



EA59CB



5FA408



0097FF

# Square

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



5FA408



00AFDE



A17BFF



FE5A49

# Rectangle

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



5FA408



00B086



A17BFF



FF49A0



# Sweetspot

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



5FA408



BBD698



A44C08



5B6B46



EBEBEB



6B6B6B



# Same Dimension

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



5FA408



77D600



12A408



4E5249



519100



0A1200



# Inverse Universe

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



4D08A4



5F00D6



9A08A4



4D4952



400091



080012



# Previews

## White Background



This preview shows how the Hex color 5FA408 looks on a white background.

## Color Contrast Check

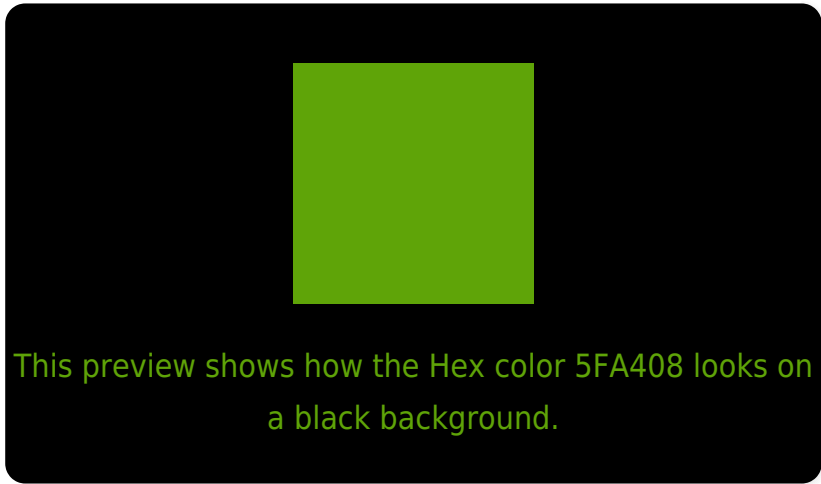
Large Text (above 18pt) WCAG AA ✓ Pass

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 5FA408 Background



This preview shows how black text looks on a background with the Hex color 5FA408.



This preview shows how white text looks on a background with the Hex color 5FA408.

# 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**  
5FA408

**Protanopia**  
A59200

**Deuteranopia**  
B88A21



**Tritanopia**  
7298A5

# Trichromacy



**Original Color**  
5FA408



**Protanomaly**  
8C9903



**Deuteranomaly**  
989318



**Tritanomaly**  
6B9C6C

# Monochromacy



**Original Color**  
5FA408



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
738C53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FA408 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 #5FA408 looks like.

```
.text, #text, p{  
    color:#5FA408  
}
```

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 #5FA408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA408
}
```

## Border

The CSS property to change the border of an element to Hex 5FA408 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
#5FA408 }
```

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

```
.border{ border-color:#5FA408 }
```

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

Here you see how a box with a 4 pixel #5FA408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA408; -webkit-box-shadow:4px 4px  
4px 4px #5FA408; box-shadow:4px 4px 4px  
4px #5FA408 }
```

# Background

The CSS property to change the background color of an element to Hex 5FA408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA408 }
```

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

```
.background{ background-color:#5FA408 }
```

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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