

# Converting Colors

Hex(60A410)

Have a look what the booklet for  
Hex(60A410) contains.

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**Color**

**Hex(60A410)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60A410
RGB	96, 164, 16
RGB Percent	38%, 64%, 6%
CMY	0.6235, 0.3569, 0.9373
CMYK	0.41, 0.00, 0.90, 0.36
HSL	88°, 82%, 35%
HSV	88°, 90%, 64%
XYZ	18.1929, 29.0751, 5.1434
YIQ	126.7960, 6.9800, -60.4440

# Conversions

## Conversions Part 2

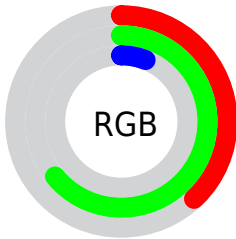
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">16, 164, 84</a>
Decimal	<a href="#">6333456</a>
CIELab	<a href="#">60.85, -43.09, 60.20</a>
CIELCh	<a href="#">61, 74.029, 125.593</a>
Yxy	<a href="#">29.0751, 0.3471, 0.5547</a>
Android (android.graphics.Color)	<a href="#">4284523536</a> ( <a href="#">0xFF60A410</a> )
YUV	<a href="#">126.7960, -54.6224, -27.0081</a>
Hunter-Lab	<a href="#">53.9214, -34.1372, 32.0894</a>

# Details

The Hex color **60A410** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5410A4**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **98DB4F**, and **256F00** is the 20% darker color. If you saturate the color by 10%, you get **59A400**, and if you desaturate by 10%, it is **68A420**.

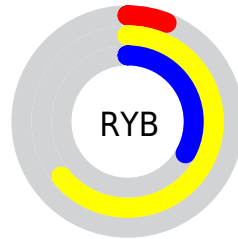
# Distribution



Red (38%)

Green (64%)

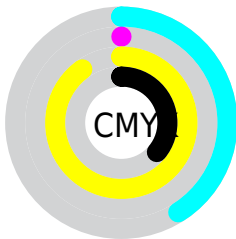
Blue (6%)



Red (6%)

Yellow (64%)

Blue (33%)

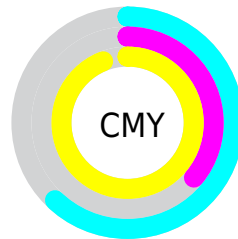


Cyan (41%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (62%)

Magenta (36%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60A410 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 60A410 by changing the saturation by 10% instead.



 60A410

 60A410

FFFFFF

 448900

 98DB4F

 256F00

 B5F86B

 005600

 D2FF86

 003E00

 F0FFA2

 002900

 FFFFBE

 000600

 FFFFDB

 000000

 FFFFF8

 60A410

 60A410

■ 59A400

■ 68A420

■ 6FA431

■ 77A441

■ 7EA452

■ 86A462

■ 8DA472

■ 95A483

■ 9CA493

■ A4A4A4

# Harmonies

## Analogous

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



A59400



60A410



00AD59

# Triad

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



60A410



00A8FF



FF4989

# Complementary

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



60A410



5410A4

# 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.



EA5ACA



60A410



0097FF

# Square

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



60A410



00AFDE



A27BFE



FD5C4A

# Rectangle

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



60A410



00AF87



A27BFE



FF4B9F



# Sweetspot

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



60A410



BCD69C



A45310



5B6B49



EBEBEB



6B6B6B



# Same Dimension

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



60A410



74D600



17A410



4E5249



4F9100



0A1200



# Inverse Universe

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



5410A4



6200D6



9D10A4



4D4952



430091



080012



# Previews

## White Background



This preview shows how the Hex color 60A410 looks on a white background.

## Color Contrast Check

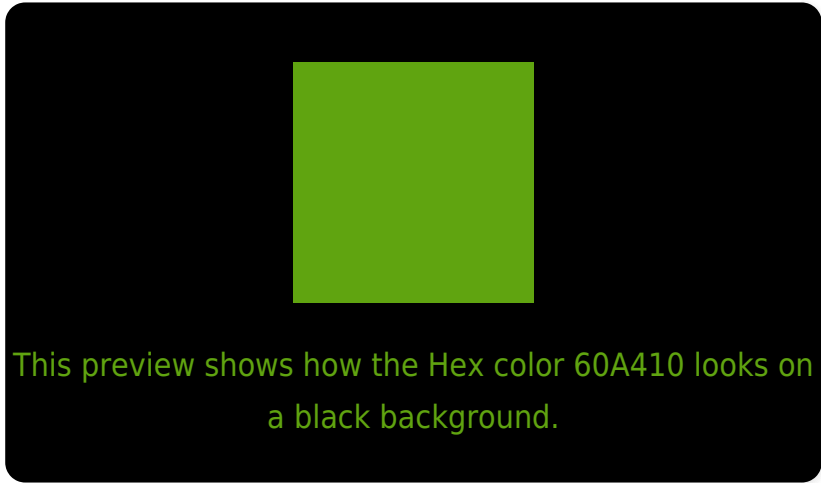
Large Text (above 18pt) WCAG AA ✓ Pass

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 60A410 Background



This preview shows how black text looks on a background with the Hex color 60A410.

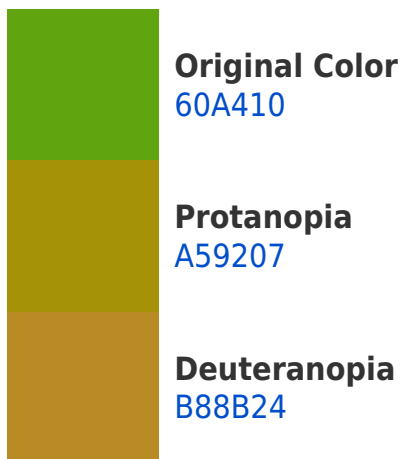


This preview shows how white text looks on a background with the Hex color 60A410.

# 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**  
7398A5

# Trichromacy



**Original Color**  
60A410



**Protanomaly**  
8C990A



**Deuteranomaly**  
98941D



**Tritanomaly**  
6C9C6F

# Monochromacy



**Original Color**  
60A410



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
748C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60A410 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 #60A410 looks like.

```
.text, #text, p{  
    color:#60A410  
}
```

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 #60A410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A410
}
```

## Border

The CSS property to change the border of an element to Hex 60A410 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
#60A410 }
```

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

```
.border{ border-color:#60A410 }
```

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

Here you see how a box with a 4 pixel #60A410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A410; -webkit-box-shadow:4px 4px  
4px 4px #60A410; box-shadow:4px 4px 4px  
4px #60A410 }
```

# Background

The CSS property to change the background color of an element to Hex 60A410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A410 }
```

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

```
.background{ background-color:#60A410 }
```

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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