

# Converting Colors

Hex(618700)

Have a look what the booklet for  
Hex(618700) contains.

<b>Hex(618700)</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(618700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	618700
RGB	97, 135, 0
RGB Percent	38%, 53%, 0%
CMY	0.6196, 0.4706, 1.0000
CMYK	0.28, 0.00, 1.00, 0.47
HSL	77°, 100%, 26%
HSV	77°, 100%, 53%
XYZ	13.5937, 19.8693, 3.1187
YIQ	108.2480, 20.6870, -50.0410

# Conversions

## Conversions Part 2

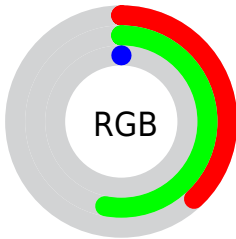
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 135, 38
Decimal	6391552
CIELab	51.69, -30.28, 55.51
CIELCh	52, 63.236, 118.614
Yxy	19.8693, 0.3716, 0.5431
Android (android.graphics.Color)	4284581632 (0xFF618700)
YUV	108.2480, -53.3663, -9.8645
Hunter-Lab	44.5750, -23.5704, 27.0543

# Details

The Hex color **618700** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **260087**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **98BC43**, and **2D5500** is the 20% darker color. If you saturate the color by 10%, you get **618700**, and if you desaturate by 10%, it is **65870D**.

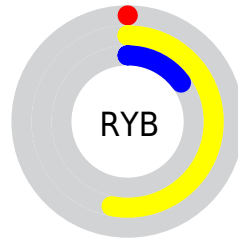
# Distribution



Red (38%)

Green (53%)

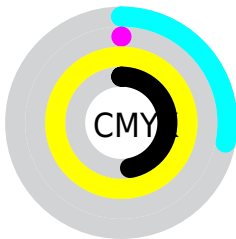
Blue (0%)



Red (0%)

Yellow (53%)

Blue (15%)

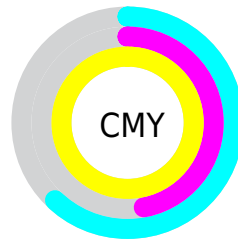


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 618700 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 618700 by changing the saturation by 10% instead.



 618700

 618700

FFFFFF

 466E00

 98BC43

 2D5500

 B4D85D

 0D3D00

 D0F578

 002800

 EEFF93

 000B00

 FFFF9F


 000000

 FFFF9F

FFFFCB

 FFFF9F

FFFFE8

 618700

 65870D

 69871B

 6C8729

 708736

 748744

 788751

 7C875E

 7F876C

 83877A

# Harmonies

## Analogous

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



967800



618700



00903F

# Triad

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



618700



008FD7



D84180

# Complementary

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



618700



260087

# 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.



B953B4



618700



0083E8

# Square

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



618700



0093AE



736EDB



D74A4B

# Rectangle

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



618700



009364



736EDB



D14592



# Sweetspot

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



618700



A1B07B



872400



505939



D9D9D9



595959



# Same Dimension

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



618700



7EB000



208700



40423C



5D8200



020300



# Inverse Universe

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



260087



3200B0



680087



3E3C42



250082



010003



# Previews

## White Background



This preview shows how the Hex color 618700 looks on a white background.

## Color Contrast Check

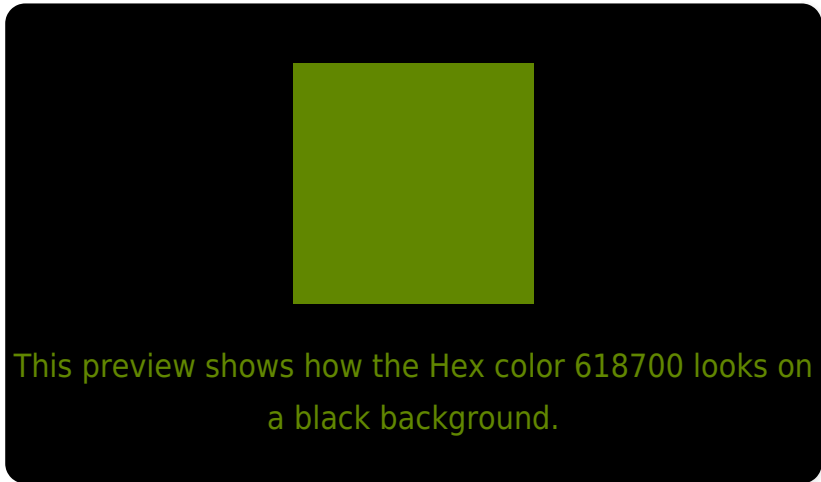
Large Text (above 18pt) WCAG AA ✓ Pass

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 618700 Background



This preview shows how black text looks on a background with the Hex color 618700.



This preview shows how white text looks on a background with the Hex color 618700.

# 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](#).

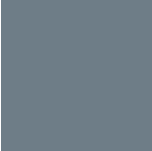
## Dichromacy



**Original Color**  
618700

**Protanopia**  
8B7B00

**Deuteranopia**  
9B7519



**Tritanopia**  
6E7D87

# Trichromacy



**Original Color**  
618700

**Protanomaly**  
7C7F00

**Deuteranomaly**  
867C10

**Tritanomaly**  
698156

# Monochromacy



**Original Color**  
618700

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
687645

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618700 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 #618700 looks like.

```
.text, #text, p{  
    color:#618700  
}
```

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 #618700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618700
}
```

## Border

The CSS property to change the border of an element to Hex 618700 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
#618700 }
```

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

```
.border{ border-color:#618700 }
```

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

Here you see how a box with a 4 pixel #618700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618700; -webkit-box-shadow:4px 4px  
4px 4px #618700; box-shadow:4px 4px 4px  
4px #618700 }
```

# Background

The CSS property to change the background color of an element to Hex 618700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618700 }
```

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

```
.background{ background-color:#618700 }
```

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