

# Converting Colors

Hex(618F30)

Have a look what the booklet for  
Hex(618F30) contains.

<b>Hex(618F30)</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(618F30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	618F30
RGB	97, 143, 48
RGB Percent	38%, 56%, 19%
CMY	0.6196, 0.4392, 0.8118
CMYK	0.32, 0.00, 0.66, 0.44
HSL	89°, 50%, 37%
HSV	89°, 66%, 56%
XYZ	15.2857, 22.3997, 6.3142
YIQ	118.4160, 3.0790, -39.2970

# Conversions

## Conversions Part 2

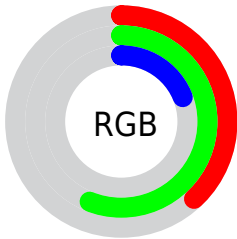
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 143, 94
Decimal	6393648
CIELab	54.45, -31.75, 44.05
CIELCh	54, 54.300, 125.784
Yxy	22.3997, 0.3474, 0.5091
Android (android.graphics.Color)	4284583728 (0xFF618F30)
YUV	118.4160, -34.7151, -18.7818
Hunter-Lab	47.3283, -25.1741, 25.2197

# Details

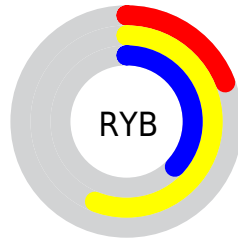
The Hex color **618F30** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5E308F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **97C563**, and **2D5C00** is the 20% darker color. If you saturate the color by 10%, you get **5A8F22**, and if you desaturate by 10%, it is **688F3E**.

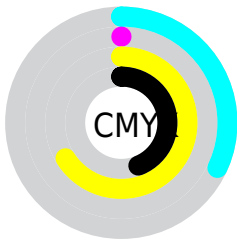
# Distribution



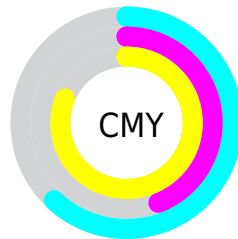
- Red (38%)
- Green (56%)
- Blue (19%)



- Red (19%)
- Yellow (56%)
- Blue (37%)



- Cyan (32%)
- Magenta (0%)
- Yellow (66%)
- Black (44%)



- Cyan (62%)
- Magenta (44%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 618F30 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 618F30 by changing the saturation by 10% instead.



 618F30

 618F30

FFFFFF

 477515

 97C563

 2D5C00

 B2E17D

 124400

 CFFE98

 002D00

 ECFFB3

 001800

 FFFFCF

 000000

 FFFFEC

 618F30

 618F30

 5A8F22

 688F3E

■ 538F13

■ 6F8F4D

■ 4C8F05

■ 768F5B

■ 4A8F00

■ 7D8F69

■ 848F78

■ 8B8F86

■ 918F94

■ 988FA2

■ 9F8FB1

# Harmonies

## Analogous

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



928319



618F30



00965A

# Triad

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



618F30



0091D7



D7557B

# Complementary

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



618F30



5E308F

# 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.



C25EAA



618F30



2385E0

# Square

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



618F30



0097B8



9072CF



D25F4E

# Rectangle

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



618F30



00987A



9072CF



D3568B



# Sweetspot

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



618F30



A8BA95



8F5E30



535E48



DEDEDE



5E5E5E



# Same Dimension

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



618F30



72BA25



328F30



444740



468700



040800



# Inverse Universe

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



5E308F



6D25BA



8D308F



444047



410087



040008



# Previews

## White Background



This preview shows how the Hex color 618F30 looks on a white background.

## Color Contrast Check

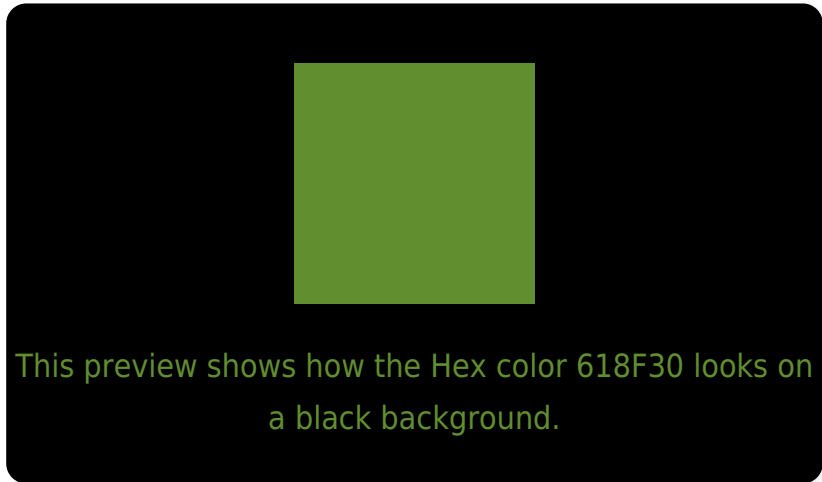
Large Text (above 18pt) WCAG AA ✓ Pass

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

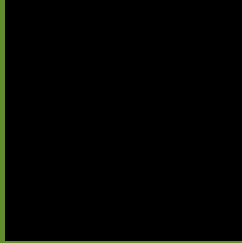
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 618F30 Background



This preview shows how black text looks on a background with the Hex color 618F30.

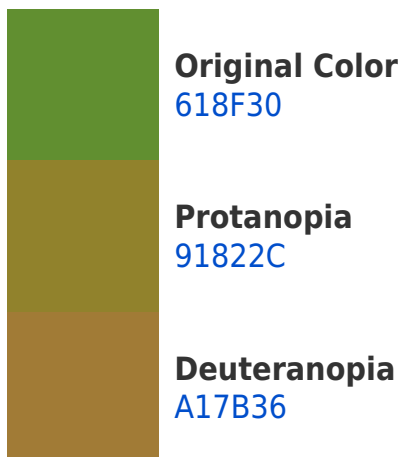


This preview shows how white text looks on a background with the Hex color 618F30.

# 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](#).

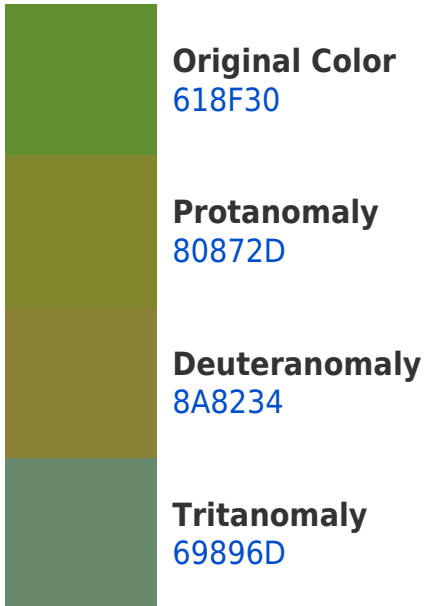
## Dichromacy





**Tritanopia**  
6E8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618F30 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 #618F30 looks like.

```
.text, #text, p{  
    color:#618F30  
}
```

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 #618F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618F30
}
```

## Border

The CSS property to change the border of an element to Hex 618F30 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
#618F30 }
```

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

```
.border{ border-color:#618F30 }
```

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

Here you see how a box with a 4 pixel #618F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618F30; -webkit-box-shadow:4px 4px  
4px 4px #618F30; box-shadow:4px 4px 4px  
4px #618F30 }
```

# Background

The CSS property to change the background color of an element to Hex 618F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618F30 }
```

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

```
.background{ background-color:#618F30 }
```

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