

# Converting Colors

Hex(618026)

Have a look what the booklet for  
Hex(618026) contains.

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**Color**

**Hex(618026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	618026
RGB	97, 128, 38
RGB Percent	38%, 50%, 15%
CMY	0.6196, 0.4980, 0.8510
CMYK	0.24, 0.00, 0.70, 0.50
HSL	81°, 54%, 33%
HSV	81°, 70%, 50%
XYZ	12.9988, 18.1197, 4.6461
YIQ	108.4710, 10.4140, -34.5620

# Conversions

## Conversions Part 2

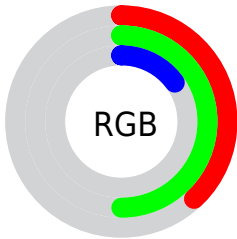
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 128, 69
Decimal	6389798
CIELab	49.64, -25.33, 43.29
CIELCh	50, 50.151, 120.333
Yxy	18.1197, 0.3635, 0.5066
Android (android.graphics.Color)	4284579878 (0xFF618026)
YUV	108.4710, -34.7422, -10.0601
Hunter-Lab	42.5672, -19.9839, 23.3258

# Details

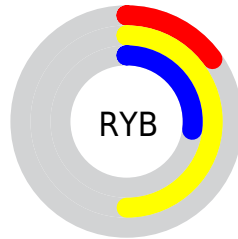
The Hex color **618026** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **452680**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **96B558**, and **2E4F00** is the 20% darker color. If you saturate the color by 10%, you get **5D8019**, and if you desaturate by 10%, it is **658033**.

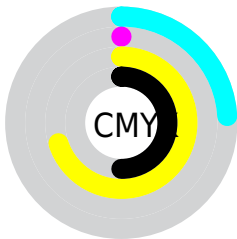
# Distribution



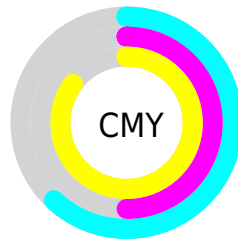
- Red (38%)
- Green (50%)
- Blue (15%)



- Red (15%)
- Yellow (50%)
- Blue (27%)



- Cyan (24%)
- Magenta (0%)
- Yellow (70%)
- Black (50%)




- Cyan (62%)
- Magenta (50%)
- Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 618026 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 618026 by changing the saturation by 10% instead.



 618026

 618026

FFFFFF

 476709

 96B558

 2E4F00

 B2D172

 153700

 CEED8D

 002300


 EBFFA8


 000000

 FFFFC3

 FFFFEO

 FFFFFD

 618026

 618026

■ 5D8019

■ 658033

■ 58800C

■ 6A8040

■ 548000

■ 6E804C

■ 738059

■ 778066

■ 7B8073

■ 808080

■ 84808C

■ 898099

# Harmonies

## Analogous

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



8C7417



618026



1D874A

# Triad

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



618026



0085C0



C14E77

# Complementary

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



618026



452680

# 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.



AA58A1



618026



007BCB

# Square

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



618026



008AA0



776BC0



C1544E

# Rectangle

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



618026



008A66



776BC0



BC5086



# Sweetspot

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



618026



9AA683



804426



4D543F



D4D4D4



545454



# Same Dimension

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



618026



76A61B



358026



3E4039



548000



000000



# Inverse Universe

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



452680



4A1BA6



712680



3C3940



2C0080



000000



# Previews

## White Background



This preview shows how the Hex color 618026 looks on a white background.

## Color Contrast Check

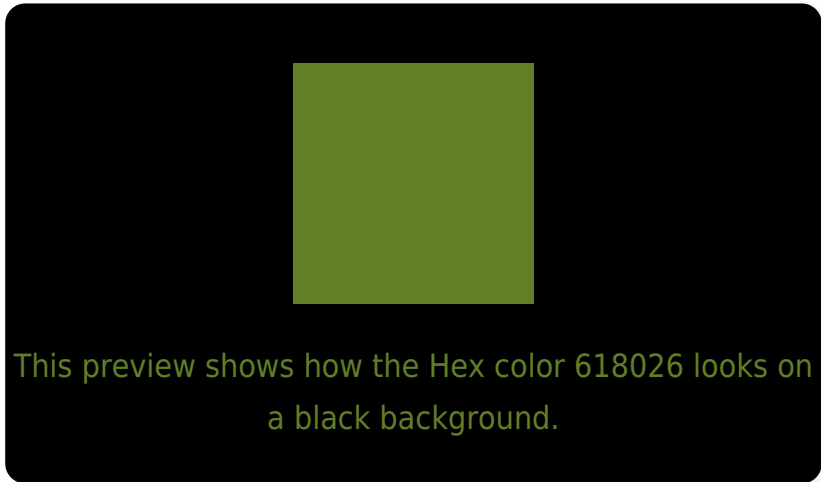
Large Text (above 18pt) WCAG AA ✓ Pass

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 618026 Background



This preview shows how black text looks on a background with the Hex color 618026.



This preview shows how white text looks on a background with the Hex color 618026.

# 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**  
618026

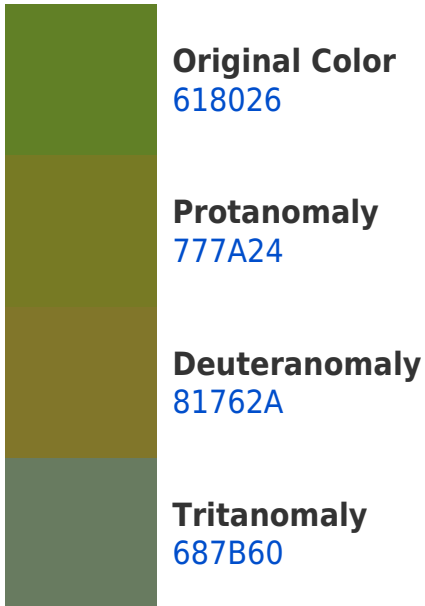
**Protanopia**  
847623

**Deuteranopia**  
93702C



**Tritanopia**  
6C7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618026 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 #618026 looks like.

```
.text, #text, p{  
    color:#618026  
}
```

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 #618026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618026
}
```

## Border

The CSS property to change the border of an element to Hex 618026 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
#618026 }
```

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

```
.border{ border-color:#618026 }
```

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

Here you see how a box with a 4 pixel #618026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618026; -webkit-box-shadow:4px 4px  
4px 4px #618026; box-shadow:4px 4px 4px  
4px #618026 }
```

# Background

The CSS property to change the background color of an element to Hex 618026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618026 }
```

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

```
.background{ background-color:#618026 }
```

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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