

# Converting Colors

Hex(618326)

Have a look what the booklet for  
Hex(618326) contains.

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**Color**

**Hex(618326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	618326
RGB	97, 131, 38
RGB Percent	38%, 51%, 15%
CMY	0.6196, 0.4863, 0.8510
CMYK	0.26, 0.00, 0.71, 0.49
HSL	82°, 55%, 33%
HSV	82°, 71%, 51%
XYZ	13.3959, 18.9139, 4.7784
YIQ	110.2320, 9.5890, -36.1310

# Conversions

## Conversions Part 2

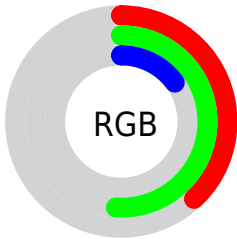
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 131, 72
Decimal	6390566
CIE Lab	50.59, -26.81, 44.26
CIE LCh	51, 51.743, 121.202
Yxy	18.9139, 0.3612, 0.5100
Android (android.graphics.Color)	4284580646 (0xFF618326)
YUV	110.2320, -35.6104, -11.6045
Hunter-Lab	43.4901, -21.1258, 23.9287

# Details

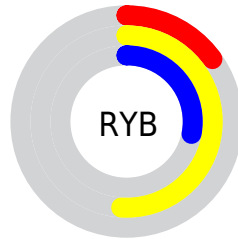
The Hex color **618326** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **482683**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **96B859**, and **2E5100** is the 20% darker color. If you saturate the color by 10%, you get **5C8319**, and if you desaturate by 10%, it is **668333**.

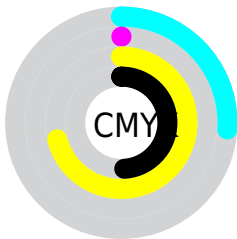
# Distribution



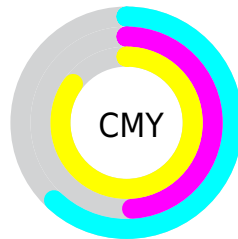
- Red (38%)
- Green (51%)
- Blue (15%)



- Red (15%)
- Yellow (51%)
- Blue (28%)



- Cyan (26%)
- Magenta (0%)
- Yellow (71%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 618326 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 618326 by changing the saturation by 10% instead.





618326



618326

FFFFFF



476A08



96B859



2E5100



B2D473



143A00



CEF08D



002500



EBFFA8



000400



FFFFC4



000000



FFFFE0



FFFFFFD



618326



618326

■ 5C8319

■ 668333

■ 57830C

■ 6B8340

■ 538300

■ 6F834D

■ 74835A

■ 798368

■ 7E8375

■ 838382

■ 87838F

■ 8C839C

# Harmonies

## Analogous

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



8D7715



618326



168A4C

# Triad

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



618326



0088C5



C64E78

# Complementary

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



618326



482683

# 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.



AF59A4



618326



007DD1

# Square

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



618326



008DA5



7B6CC4



C5554D

# Rectangle

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



618326



008D69



7B6CC4



C25087



# Sweetspot

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



618326



9EAB87



834726



4F5741



D6D6D6



575757



# Same Dimension

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



618326



76AB1A



348326



40423C



538200



020300



# Inverse Universe

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



482683



4F1AAB



752683



3E3C42



300082



010003



# Previews

## White Background



This preview shows how the Hex color 618326 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

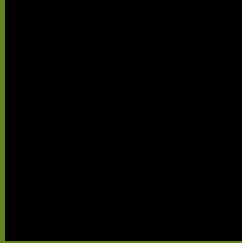
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 618326 Background



This preview shows how black text looks on a background with the Hex color 618326.



This preview shows how white text looks on a background with the Hex color 618326.

# 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](#).

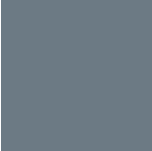
## Dichromacy



**Original Color**  
618326

**Protanopia**  
877823

**Deuteranopia**  
96722C



**Tritanopia**  
6C7A84

# Trichromacy



**Original Color**  
618326

**Protanomaly**  
797C24

**Deuteranomaly**  
83782A

**Tritanomaly**  
687D62

# Monochromacy



**Original Color**  
618326

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
697654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 618326 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 #618326 looks like.

```
.text, #text, p{  
    color:#618326  
}
```

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 #618326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618326
}
```

## Border

The CSS property to change the border of an element to Hex 618326 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
#618326 }
```

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

```
.border{ border-color:#618326 }
```

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

Here you see how a box with a 4 pixel #618326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618326; -webkit-box-shadow:4px 4px  
4px 4px #618326; box-shadow:4px 4px 4px  
4px #618326 }
```

# Background

The CSS property to change the background color of an element to Hex 618326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618326 }
```

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

```
.background{ background-color:#618326 }
```

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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