

# Converting Colors

Hex(628A1B)

Have a look what the booklet for  
Hex(628A1B) contains.

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**Color**

**Hex(628A1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	628A1B
RGB	98, 138, 27
RGB Percent	38%, 54%, 11%
CMY	0.6157, 0.4588, 0.8941
CMYK	0.29, 0.00, 0.80, 0.46
HSL	82°, 67%, 32%
HSV	82°, 80%, 54%
XYZ	14.3233, 20.8528, 4.3070
YIQ	113.3860, 11.7910, -43.0010

# Conversions

## Conversions Part 2

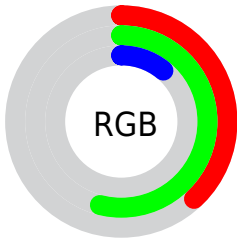
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 138, 67
Decimal	6457883
CIE <sub>Lab</sub>	52.79, -30.42, 50.45
CIE <sub>LCh</sub>	53, 58.918, 121.090
Yxy	20.8528, 0.3628, 0.5281
Android (android.graphics.Color)	4284647963 (0xFF628A1B)
YUV	113.3860, -42.5883, -13.4935
Hunter-Lab	45.6648, -23.9248, 26.3733

# Details

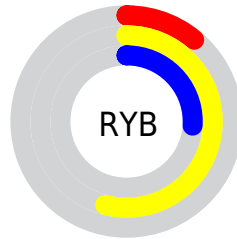
The Hex color **628A1B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **431B8A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **98C051**, and **2E5800** is the 20% darker color. If you saturate the color by 10%, you get **5D8A0D**, and if you desaturate by 10%, it is **678A29**.

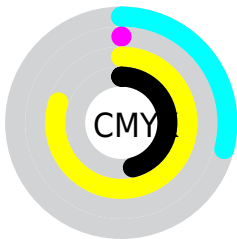
# Distribution



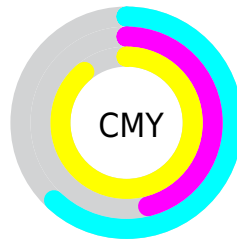
- Red (38%)
- Green (54%)
- Blue (11%)



- Red (11%)
- Yellow (54%)
- Blue (26%)



- Cyan (29%)
- Magenta (0%)
- Yellow (80%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628A1B 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 628A1B by changing the saturation by 10% instead.





628A1B



628A1B

FFFFFF



487000



98C051



2E5800



B4DC6B



114000



D1F886



002A00



EEFFA1



001100



FFFFBD



000000



FFFFD9



FFFFF6



628A1B



628A1B

■ 5D8A0D

■ 678A29

■ 588A00

■ 6C8A37

■ 718A44

■ 768A52

■ 7B8A60

■ 808A6E

■ 858A7C

■ 8A8A89

■ 8F8A97

# Harmonies

## Analogous

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



957C00



628A1B



00924A

# Triad

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



628A1B



0090D6



D64B7E

# Complementary

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



628A1B



431B8A

# 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.



BC58B0



628A1B



0083E4

# Square

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



628A1B



0095B1



7F70D5



D5534D

# Rectangle

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



628A1B



00956D



7F70D5



D14D8F



# Sweetspot

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



628A1B



A3B388



8A421B



50593F



D9D9D9



595959



# Same Dimension

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



628A1B



74B305



2C8A1B



42453E



558500



030500



# Inverse Universe

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



431B8A



4405B3



791B8A



403E45



300085



020005



# Previews

## White Background



This preview shows how the Hex color 628A1B looks on a white background.

## Color Contrast Check

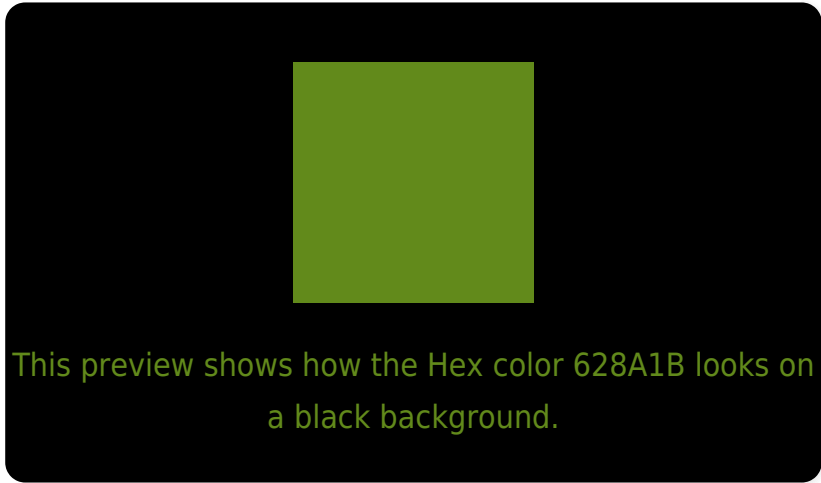
Large Text (above 18pt) WCAG AA ✓ Pass

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 628A1B Background



This preview shows how black text looks on a background with the Hex color 628A1B.

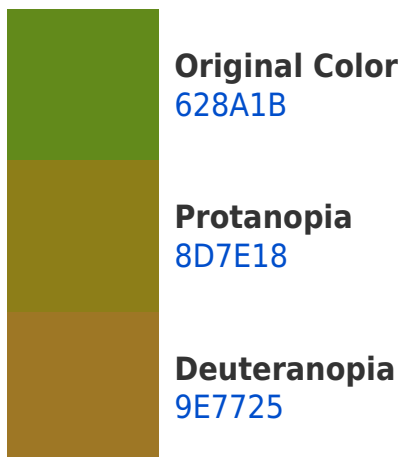


This preview shows how white text looks on a background with the Hex color 628A1B.

# 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](#).

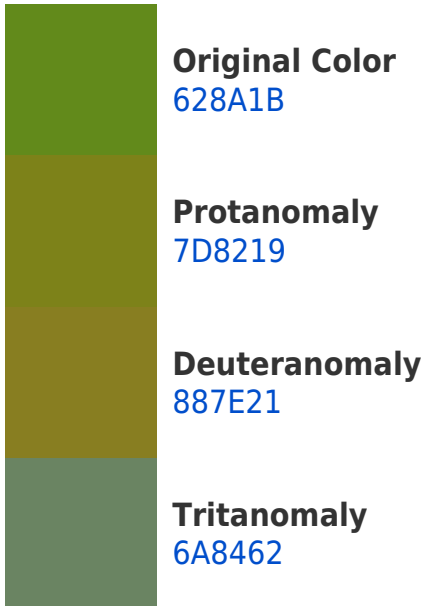
## Dichromacy





**Tritanopia**  
6F808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628A1B 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 #628A1B looks like.

```
.text, #text, p{  
    color:#628A1B  
}
```

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 #628A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628A1B
}
```

## Border

The CSS property to change the border of an element to Hex 628A1B 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
#628A1B }
```

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

```
.border{ border-color:#628A1B }
```

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

Here you see how a box with a 4 pixel #628A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628A1B; -webkit-box-shadow:4px 4px  
4px 4px #628A1B; box-shadow:4px 4px 4px  
4px #628A1B }
```

# Background

The CSS property to change the background color of an element to Hex 628A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628A1B }
```

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

```
.background{ background-color:#628A1B }
```

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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