

# Converting Colors

Hex(628D2C)

Have a look what the booklet for  
Hex(628D2C) contains.

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**Color**

**Hex(628D2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	628D2C
RGB	98, 141, 44
RGB Percent	38%, 55%, 17%
CMY	0.6157, 0.4471, 0.8275
CMYK	0.30, 0.00, 0.69, 0.45
HSL	87°, 52%, 36%
HSV	87°, 69%, 55%
XYZ	15.0165, 21.8283, 5.8047
YIQ	117.0850, 5.5090, -39.2830

# Conversions

## Conversions Part 2

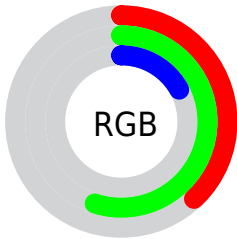
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 141, 87
Decimal	6458668
CIE <sub>Lab</sub>	53.84, -30.75, 45.15
CIE <sub>LCh</sub>	54, 54.627, 124.260
Yxy	21.8283, 0.3521, 0.5118
Android (android.graphics.Color)	4284648748 (0xFF628D2C)
YUV	117.0850, -36.0309, -16.7375
Hunter-Lab	46.7207, -24.3896, 25.3382

# Details

The Hex color **628D2C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **572C8D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **98C35F**, and **2E5A00** is the 20% darker color. If you saturate the color by 10%, you get **5C8D1E**, and if you desaturate by 10%, it is **688D3A**.

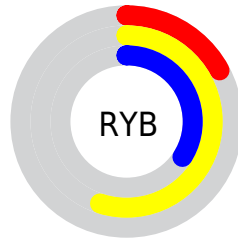
# Distribution



Red (38%)

Green (55%)

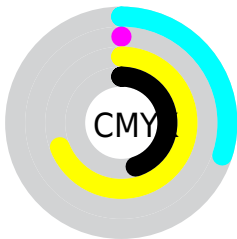
Blue (17%)



Red (17%)

Yellow (55%)

Blue (34%)

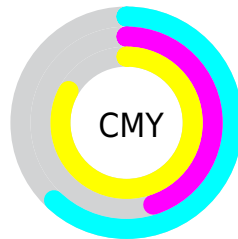


Cyan (30%)

Magenta (0%)

Yellow (69%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628D2C 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 628D2C by changing the saturation by 10% instead.





628D2C



628D2C

FFFFFF



487310



98C35F



2E5A00



B3DF79



144300



D0FC94



002C00



EDFFAF



001600



FFFFCB



000000



FFFFE8



628D2C



628D2C



5C8D1E



688D3A

■ 558D10

■ 6F8D48

■ 4F8D02

■ 758D56

■ 4E8D00

■ 7B8D64

■ 818D73

■ 888D81

■ 8E8D8F

■ 948D9D

■ 9A8DAB

# Harmonies

## Analogous

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



938116



628D2C



009456

# Triad

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



628D2C



0090D5



D5537C

# Complementary

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



628D2C



572C8D

# 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.



BF5DAA



628D2C



0484DF

# Square

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



628D2C



0096B5



8B71CF



D15C4E

# Rectangle

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



628D2C



009776



8B71CF



D1558C



# Sweetspot

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



628D2C



A7B891



8D562C



525C45



DBDBDB



5C5C5C



# Same Dimension

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



628D2C



74B81F



328D2C



444740



4B8700



040800



# Inverse Universe

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



572C8D



631FB8



872C8D



434047



3C0087



030008



# Previews

## White Background



This preview shows how the Hex color 628D2C looks on a white background.

## Color Contrast Check

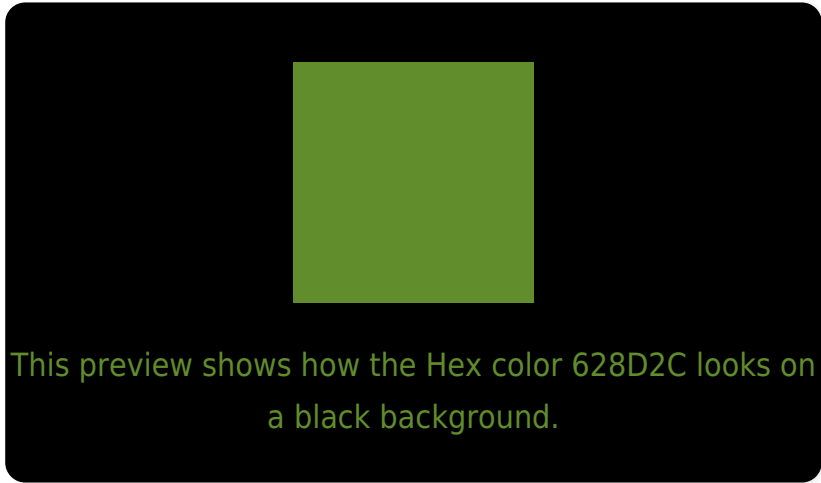
Large Text (above 18pt) WCAG AA ✓ Pass

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 628D2C Background



This preview shows how black text looks on a background with the Hex color 628D2C.



This preview shows how white text looks on a background with the Hex color 628D2C.

# 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](#).

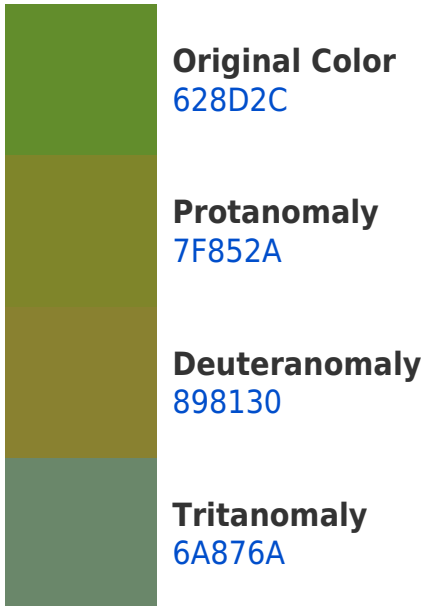
## Dichromacy





**Tritanopia**  
6F848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628D2C 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 #628D2C looks like.

```
.text, #text, p{  
    color:#628D2C  
}
```

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 #628D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628D2C
}
```

## Border

The CSS property to change the border of an element to Hex 628D2C 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
#628D2C }
```

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

```
.border{ border-color:#628D2C }
```

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

Here you see how a box with a 4 pixel #628D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628D2C; -webkit-box-shadow:4px 4px  
4px 4px #628D2C; box-shadow:4px 4px 4px  
4px #628D2C }
```

# Background

The CSS property to change the background color of an element to Hex 628D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628D2C }
```

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

```
.background{ background-color:#628D2C }
```

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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