

# Converting Colors

Hex(628A3E)

Have a look what the booklet for  
Hex(628A3E) contains.

<b>Hex(628A3E)</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(628A3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628A3E
RGB	98, 138, 62
RGB Percent	38%, 54%, 24%
CMY	0.6157, 0.4588, 0.7569
CMYK	0.29, 0.00, 0.55, 0.46
HSL	92°, 38%, 39%
HSV	92°, 55%, 54%
XYZ	14.9950, 21.1214, 7.8440
YIQ	117.3760, 0.5560, -32.1160

# Conversions

## Conversions Part 2

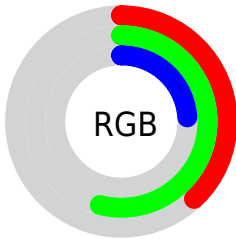
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 138, 102
Decimal	6457918
CIELab	53.08, -27.60, 35.89
CIELCh	53, 45.272, 127.559
Yxy	21.1214, 0.3411, 0.4805
Android (android.graphics.Color)	4284647998 (0xFF628A3E)
YUV	117.3760, -27.3004, -16.9928
Hunter-Lab	45.9581, -22.1864, 22.0512

# Details

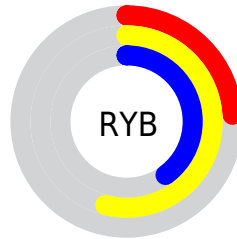
The Hex color **628A3E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **663E8A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **97C070**, and **30580C** is the 20% darker color. If you saturate the color by 10%, you get **5B8A30**, and if you desaturate by 10%, it is **698A4C**.

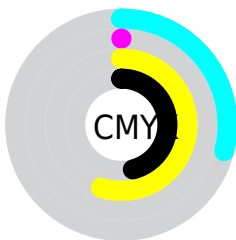
# Distribution



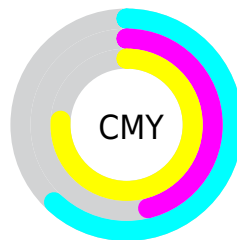
- Red (38%)
- Green (54%)
- Blue (24%)



- Red (24%)
- Yellow (54%)
- Blue (40%)



- Cyan (29%)
- Magenta (0%)
- Yellow (55%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628A3E 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 628A3E by changing the saturation by 10% instead.



 628A3E

 628A3E

FFFFFF

 497026

 97C070

 30580C

 B2DC8A

 174000

 CEF8A5

 002A00

 EBFFC0

 001300

 FFFFDC

 000000

 FFFFF9

 628A3E

 628A3E

 5B8A30

 698A4C

■ 538A22

■ 718A5A

■ 4C8A15

■ 788A67

■ 458A07

■ 7F8A75

■ 418A00

■ 868A83

■ 8E8A91

■ 958A9F

■ 9C8AAC

■ A38ABA

# Harmonies

## Analogous

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



8B802D



628A3E



239060

# Triad

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



628A3E



008BC6



C75C76

# Complementary

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



628A3E



663E8A

# 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.



B6629D



628A3E



4980CC

# Square

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



628A3E



0091AD



8E70BD



C26451

# Rectangle

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



628A3E



00927A



8E70BD



C45D84



# Sweetspot

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



628A3E



A3B394



8A653E



505947



D9D9D9



595959



# Same Dimension

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



628A3E



74B33D



3E8A3F



41453E



3F8500



020500



# Inverse Universe

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



663E8A



7B3DB3



8A3E89



423E45



460085



030005



# Previews

## White Background



This preview shows how the Hex color 628A3E looks on a white background.

## Color Contrast Check

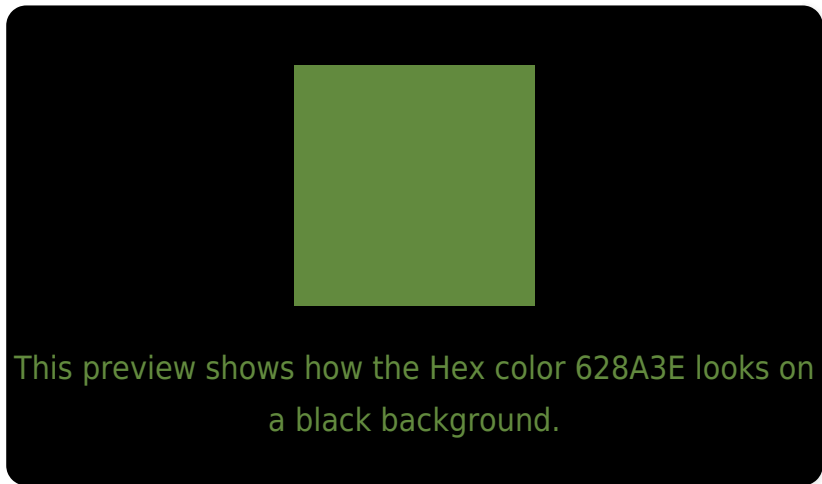
Large Text (above 18pt) WCAG AA ✓ Pass

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 628A3E Background



This preview shows how black text looks on a background with the Hex color 628A3E.



This preview shows how white text looks on a background with the Hex color 628A3E.

# 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**  
628A3E

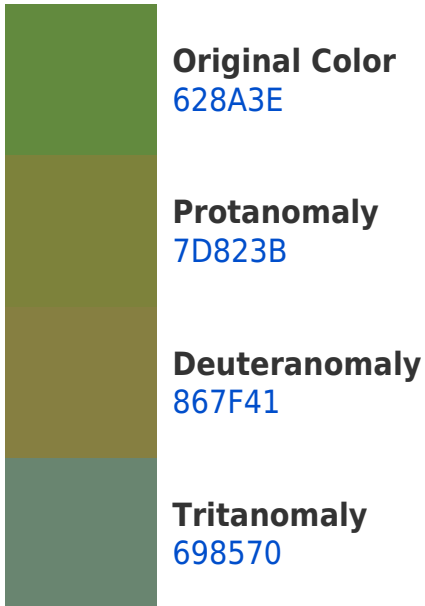
**Protanopia**  
8C7E3A

**Deuteranopia**  
9B7843

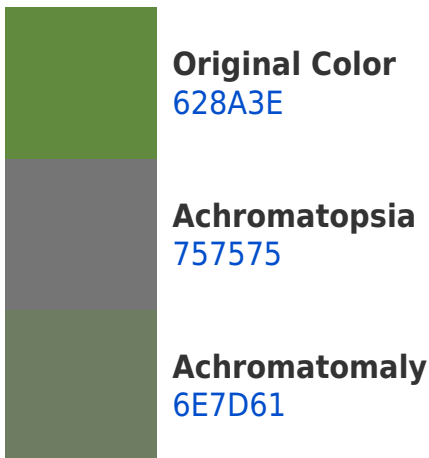


**Tritanopia**  
6D828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628A3E 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 #628A3E looks like.

```
.text, #text, p{  
    color:#628A3E  
}
```

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 #628A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628A3E
}
```

## Border

The CSS property to change the border of an element to Hex 628A3E 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
#628A3E }
```

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

```
.border{ border-color:#628A3E }
```

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

Here you see how a box with a 4 pixel #628A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628A3E; -webkit-box-shadow:4px 4px  
4px 4px #628A3E; box-shadow:4px 4px 4px  
4px #628A3E }
```

# Background

The CSS property to change the background color of an element to Hex 628A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628A3E }
```

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

```
.background{ background-color:#628A3E }
```

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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