

# Converting Colors

Hex(628A4B)

Have a look what the booklet for  
Hex(628A4B) contains.

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**Color**

**Hex(628A4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628A4B
RGB	98, 138, 75
RGB Percent	38%, 54%, 29%
CMY	0.6157, 0.4588, 0.7059
CMYK	0.29, 0.00, 0.46, 0.46
HSL	98°, 30%, 42%
HSV	98°, 46%, 54%
XYZ	15.3955, 21.2816, 9.9529
YIQ	118.8580, -3.6170, -28.0730

# Conversions

## Conversions Part 2

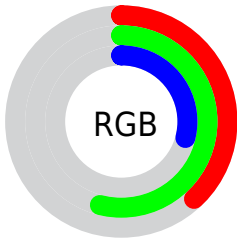
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 138, 115
Decimal	6457931
CIELab	53.26, -25.96, 29.31
CIELCh	53, 39.159, 131.531
Yxy	21.2816, 0.3302, 0.4564
Android (android.graphics.Color)	4284648011 (0xFF628A4B)
YUV	118.8580, -21.6220, -18.2925
Hunter-Lab	46.1320, -21.1608, 19.5006

# Details

The Hex color **628A4B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **734B8A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **96C07D**, and **30581C** is the 20% darker color. If you saturate the color by 10%, you get **598A3D**, and if you desaturate by 10%, it is **6B8A59**.

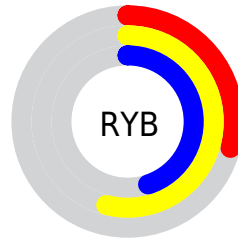
# Distribution



Red (38%)

Green (54%)

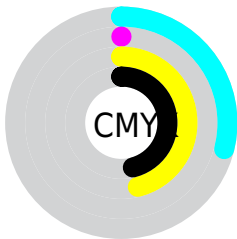
Blue (29%)



Red (29%)

Yellow (54%)

Blue (45%)

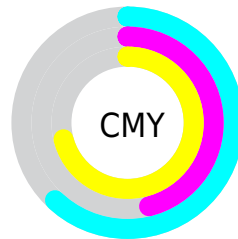


Cyan (29%)

Magenta (0%)

Yellow (46%)

Black (46%)



Cyan (62%)

Magenta (46%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628A4B 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 628A4B by changing the saturation by 10% instead.





628A4B



628A4B

FFFFFF



497033



96C07D



30581C



B2DC97



184004



CDF8B2



002A00



EAFFCE



001400



FFFFEA



000000



628A4B



628A4B



598A3D



6B8A59



508A2F



748A67

 488A22

 7C8A74

 3F8A14

 858A82

 368A06

 8E8A90

 328A00

 978A9E

 9F8AAC

 A88AB9

 B18AC7

# Harmonies

## Analogous

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



87813B



628A4B



308F69

# Triad

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



628A4B



0089BF



BF6373

# Complementary

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



628A4B



734B8A

# 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.



B36695



628A4B



5F7EC1

# Square

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



628A4B



008FAB



9371B2



B96A54

# Rectangle

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



628A4B



009080



9371B2



BD637F



# Sweetspot

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



628A4B



A3B39A



8A734B



50594A



D9D9D9



595959



# Same Dimension

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



628A4B



74B350



4B8A53



40453E



308500



020500



# Inverse Universe

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



734B8A



8F50B3



8A4B82



423E45



540085



030005



# Previews

## White Background



This preview shows how the Hex color 628A4B looks on a white background.

## Color Contrast Check

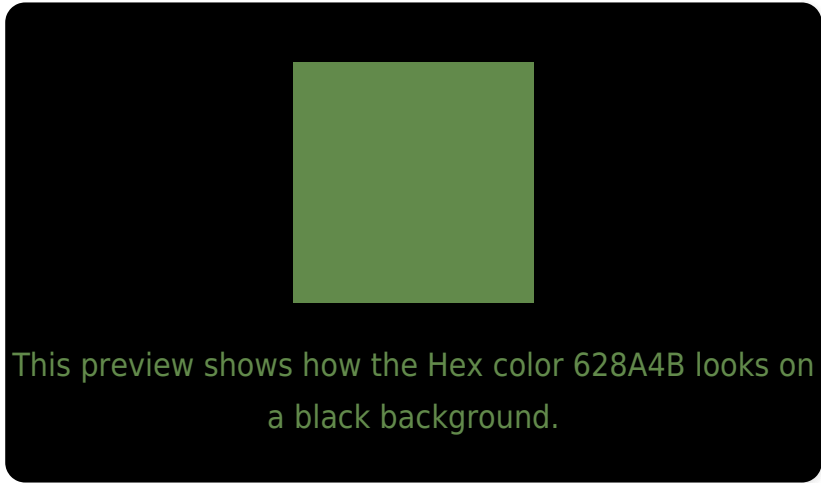
Large Text (above 18pt) WCAG AA ✓ Pass

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 628A4B Background



This preview shows how black text looks on a background with the Hex color 628A4B.

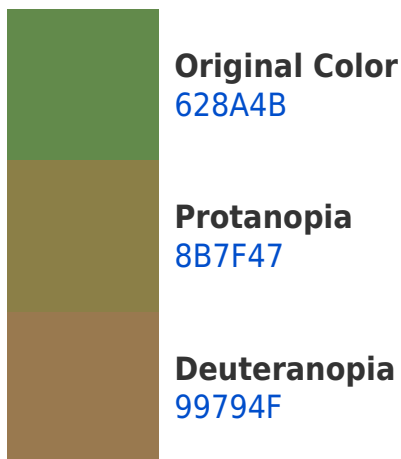



This preview shows how white text looks on a background with the Hex color 628A4B.

# 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**  
6C828D

# Trichromacy



**Original Color**  
628A4B

**Protanomaly**  
7C8348

**Deuteranomaly**  
857F4E

**Tritanomaly**  
688575

# Monochromacy



**Original Color**  
628A4B

**Achromatopsia**  
777777

**Achromatomaly**  
6F7E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628A4B 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 #628A4B looks like.

```
.text, #text, p{  
    color:#628A4B  
}
```

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 #628A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628A4B
}
```

## Border

The CSS property to change the border of an element to Hex 628A4B 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
#628A4B }
```

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

```
.border{ border-color:#628A4B }
```

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

Here you see how a box with a 4 pixel #628A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628A4B; -webkit-box-shadow:4px 4px  
4px 4px #628A4B; box-shadow:4px 4px 4px  
4px #628A4B }
```

# Background

The CSS property to change the background color of an element to Hex 628A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628A4B }
```

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

```
.background{ background-color:#628A4B }
```

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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