

# Converting Colors

Hex(62794C)

Have a look what the booklet for  
Hex(62794C) contains.

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**Color**

**Hex(62794C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62794C
RGB	98, 121, 76
RGB Percent	38%, 47%, 30%
CMY	0.6157, 0.5255, 0.7020
CMYK	0.19, 0.00, 0.37, 0.53
HSL	91°, 23%, 39%
HSV	91°, 37%, 47%
XYZ	13.1789, 16.7932, 9.3843
YIQ	108.9930, 0.7370, -18.8710

# Conversions

## Conversions Part 2

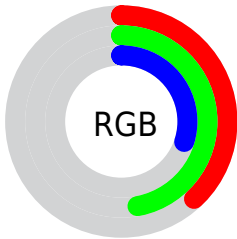
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 121, 99
Decimal	6453580
CIELab	48.00, -17.06, 22.00
CIElCh	48, 27.840, 127.800
Yxy	16.7932, 0.3349, 0.4267
Android (android.graphics.Color)	4284643660 (0xFF62794C)
YUV	108.9930, -16.2655, -9.6409
Hunter-Lab	40.9795, -14.3092, 15.1083

# Details

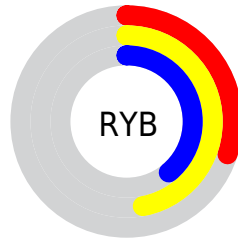
The Hex color **62794C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **634C79**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **95AD7D**, and **32481F** is the 20% darker color. If you saturate the color by 10%, you get **5C7940**, and if you desaturate by 10%, it is **687958**.

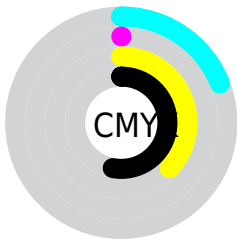
# Distribution



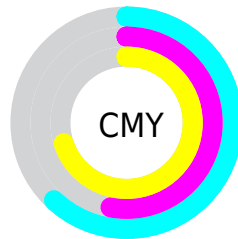
- Red (38%)
- Green (47%)
- Blue (30%)



- Red (30%)
- Yellow (47%)
- Blue (39%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (62%)
- Magenta (53%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62794C 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 62794C by changing the saturation by 10% instead.





62794C



62794C

FFFFFF



4A6035



95AD7D



32481F



B0C997



1C3208



CCE5B2



011D00



E8FFCE



000000



FFFFEA



62794C



62794C



5C7940



687958



567934



6E7964

■ 4F7928

■ 757970

■ 49791C

■ 7B797C

■ 437910

■ 817989

■ 3D7903

■ 877995

■ 3B7900

■ 8D79A1

■ 9379AD

■ 9A79B9

# Harmonies

## Analogous

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



7B7243



62794C



457D5F

# Triad

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



62794C



31799D



9F606D

# Complementary

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



62794C



634C79

# 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.



946284



62794C



5A72A0

# Square

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



62794C



0F7D8E



7D6A97



9D6356

# Rectangle

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



62794C



307E6F



7D6A97



9D6075



# Sweetspot

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



62794C



959E8D



79624C



4A4F45



CFCFCF



4F4F4F



# Same Dimension

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



62794C



7A9E57



4C794C



3A3D37



3D7D00



7BFC00



# Inverse Universe

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



634C79



7B579E



794C79



3A373D



40007D



8100FC



# Previews

## White Background



This preview shows how the Hex color 62794C looks on a white background.

## Color Contrast Check

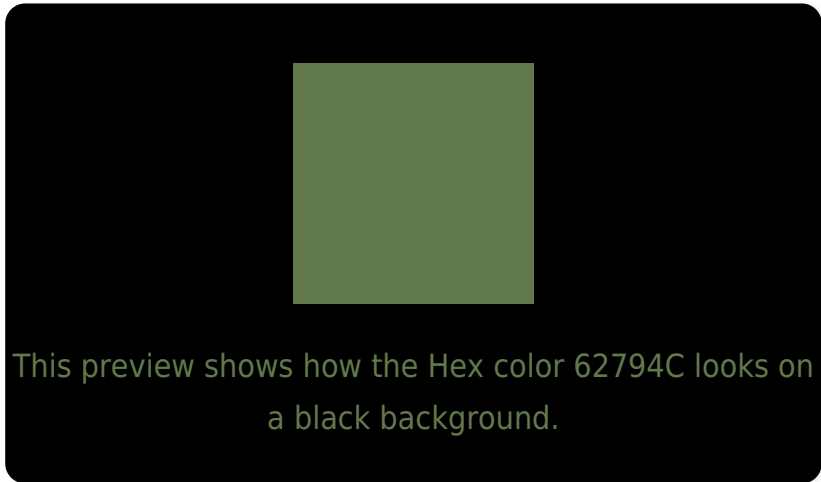
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

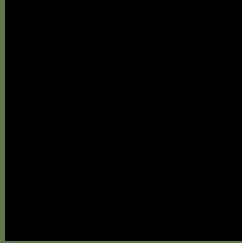
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 62794C Background



This preview shows how black text looks on a background with the Hex color 62794C.



This preview shows how white text looks on a background with the Hex color 62794C.

# 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**  
62794C

**Protanopia**  
7C7249

**Deuteranopia**  
886D4F



**Tritanopia**  
69737C

# Trichromacy



**Original Color**  
62794C

**Protanomaly**  
73754A

**Deuteranomaly**  
7A714E

**Tritanomaly**  
66756B

# Monochromacy



**Original Color**  
62794C

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
697161

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62794C 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 #62794C looks like.

```
.text, #text, p{  
    color:#62794C  
}
```

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 #62794C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62794C
}
```

## Border

The CSS property to change the border of an element to Hex 62794C 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".

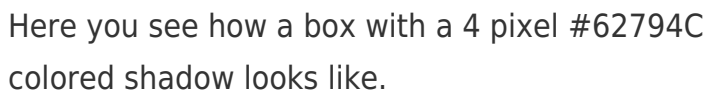
```
.border, #border, table{ border:4px solid
#62794C }
```

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

```
.border{ border-color:#62794C }
```

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

Here you see how a box with a 4 pixel #62794C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62794C; -webkit-box-shadow:4px 4px  
4px 4px #62794C; box-shadow:4px 4px 4px  
4px #62794C }
```

# Background

The CSS property to change the background color of an element to Hex 62794C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62794C }
```

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

```
.background{ background-color:#62794C }
```

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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