

Converting Colors

Hex(64784C)

Have a look what the booklet for
Hex(64784C) contains.

Hex(64784C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64784C)

Conversions

Conversions Part 1

Format	Color
Hex	64784C
RGB	100, 120, 76
RGB Percent	39%, 47%, 30%
CMY	0.6078, 0.5294, 0.7020
CMYK	0.17, 0.00, 0.37, 0.53
HSL	87°, 22%, 38%
HSV	87°, 37%, 47%
XYZ	13.2765, 16.6641, 9.3542
YIQ	109.0040, 2.2040, -17.9240

Conversions

Conversions Part 2

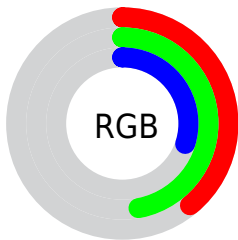
Format	Color
RYB	76, 120, 96
Decimal	6584396
CIELab	47.83, -15.72, 21.81
CIElCh	48, 26.882, 125.780
Yxy	16.6641, 0.3379, 0.4241
Android (android.graphics.Color)	4284774476 (0xFF64784C)
YUV	109.0040, -16.2710, -7.8965
Hunter-Lab	40.8216, -13.3840, 14.9889

Details

The Hex color **64784C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **604C78**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **98AC7D**, and **34471F** is the 20% darker color. If you saturate the color by 10%, you get **5F7840**, and if you desaturate by 10%, it is **697858**.

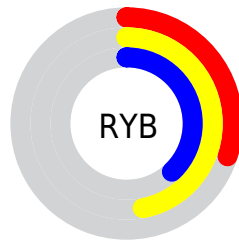
Distribution



Red (39%)

Green (47%)

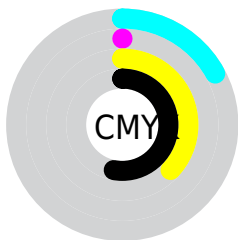
Blue (30%)



Red (30%)

Yellow (47%)

Blue (38%)

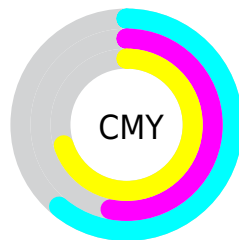


Cyan (17%)

Magenta (0%)

Yellow (37%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64784C 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 64784C by changing the saturation by 10% instead.

 64784C

 64784C

FFFFFF

 4C5F35

 98AC7D

 34471F

 B2C897

 1E3108

 CEE4B2

 031D00

 EBFFCE

 000000

 FFFFEA

 64784C

 64784C

 5F7840

 697858

 597834

 6F7864

■ 547828

■ 747870

■ 4E781C

■ 7A787C

■ 497810

■ 7F7888

■ 437804

■ 857894

■ 417800

■ 8A78A0

■ 9078AC

■ 9578B8

Harmonies

Analogous

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



7C7244



64784C



497C5E

Triad

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



64784C



32799A



9D606E

Complementary

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



64784C



604C78

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.



926385



64784C



58729E

Square

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



64784C



197D8B



7A6A96



9C6358

Rectangle

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



64784C



357E6D



7A6A96



9B6076

Sweetspot

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



64784C



949C8A



78604C



4A4F45



CFCFCF



4F4F4F

Same Dimension

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



64784C



7C9C57



4E784C



3A3D37



447D00



8AFC00

Inverse Universe

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



604C78



76579C



764C78



3A373D



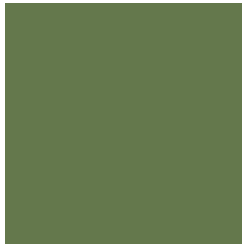
39007D



7300FC

Previews

White Background



This preview shows how the Hex color 64784C looks on a white background.

Color Contrast Check

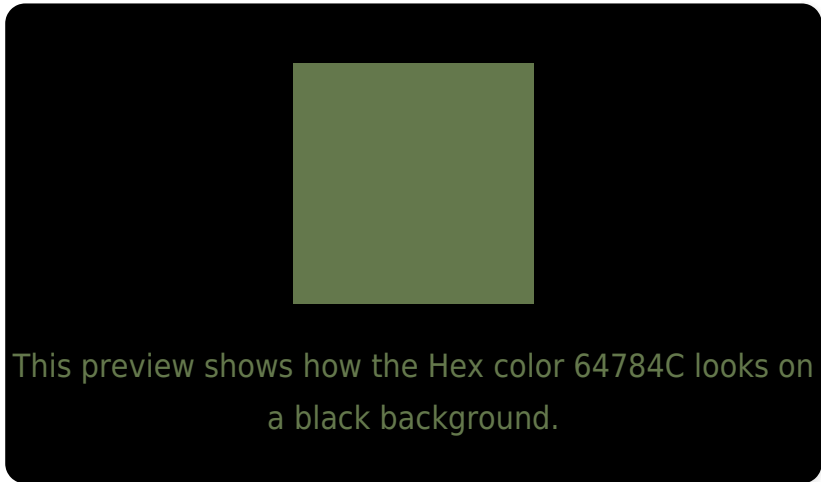
Large Text (above 18pt) WCAG AA ✓ Pass

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

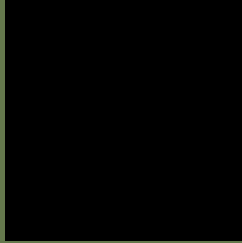
Any Text WCAG AA × Fail

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 64784C Background



This preview shows how black text looks on a background with the Hex color 64784C.



This preview shows how white text looks on a background with the Hex color 64784C.

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
64784C

Protanopia
7B7149

Deuteranopia
876C4F



Tritanopia
6B727B

Trichromacy



Original Color
64784C

Protanomaly
73744A

Deuteranomaly
7A704E

Tritanomaly
68746A

Monochromacy



Original Color
64784C

Achromatopsia
6D6D6D

Achromatomaly
6A7161

CSS Examples

Text

The CSS property to change the color of the text to Hex 64784C 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 #64784C looks like.

```
.text, #text, p{  
    color:#64784C  
}
```

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 #64784C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64784C
}
```

Border

The CSS property to change the border of an element to Hex 64784C 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
#64784C }
```

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

```
.border{ border-color:#64784C }
```

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

Here you see how a box with a 4 pixel #64784C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64784C; -webkit-box-shadow:4px 4px  
4px 4px #64784C; box-shadow:4px 4px 4px  
4px #64784C }
```

Background

The CSS property to change the background color of an element to Hex 64784C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64784C }
```

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

```
.background{ background-color:#64784C }
```

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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