

# Converting Colors

Hex(717F40)

Have a look what the booklet for  
Hex(717F40) contains.

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# Color

**Hex(717F40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	717F40
RGB	113, 127, 64
RGB Percent	44%, 50%, 25%
CMY	0.5569, 0.5020, 0.7490
CMYK	0.11, 0.00, 0.50, 0.50
HSL	73°, 33%, 37%
HSV	73°, 50%, 50%
XYZ	15.3248, 19.0596, 7.7217
YIQ	115.6320, 11.8790, -22.5610

# Conversions

## Conversions Part 2

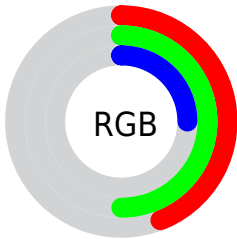
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 127, 78
Decimal	7438144
CIELab	50.76, -15.61, 32.31
CIELCh	51, 35.886, 115.780
Yxy	19.0596, 0.3640, 0.4527
Android (android.graphics.Color)	4285628224 (0xFF717F40)
YUV	115.6320, -25.4546, -2.3083
Hunter-Lab	43.6573, -13.7423, 20.0735

# Details

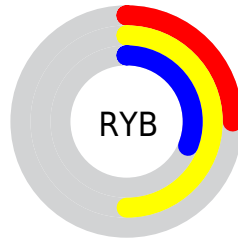
The Hex color **717F40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E407F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A6B471**, and **3F4E11** is the 20% darker color. If you saturate the color by 10%, you get **6E7F33**, and if you desaturate by 10%, it is **747F4D**.

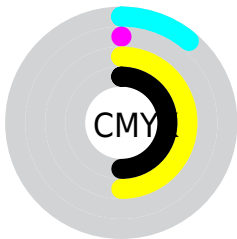
# Distribution



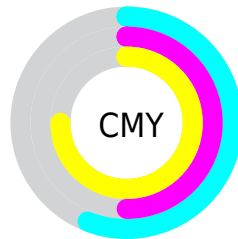
- Red (44%)
- Green (50%)
- Blue (25%)



- Red (25%)
- Yellow (50%)
- Blue (31%)



- Cyan (11%)
- Magenta (0%)
- Yellow (50%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 717F40 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 717F40 by changing the saturation by 10% instead.





717F40



717F40

FFFFFF



586629



A6B471



3F4E11



C2CF8B



283700



DEEBA6



112200



FBFFC1



000500



FFFDD



000000



FFFFFA



717F40



717F40



6E7F33



747F4D

■ 6B7F27

■ 777F59

■ 697F1A

■ 797F66

■ 667F0D

■ 7C7F73

■ 637F00

■ 7F7F80

■ 827F8C

■ 857F99

■ 887FA6

■ 8A7FB2

# Harmonies

## Analogous

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



8F763B



717F40



4C8555

# Triad

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



717F40



0085AB



AF607E

# Complementary

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



717F40



4E407F

# 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.



9B679C



717F40



3C7DB6

# Square

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



717F40



008892



7573B0



B36260

# Rectangle

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



717F40



2B8869



7573B0



AB6289



# Sweetspot

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



717F40



A0A68D



7F4E40



515445



D4D4D4



545454



# Same Dimension

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



717F40



90A642



527F40



3E4039



638000



000000



# Inverse Universe

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



4E407F



5842A6



6D407F



3B3940



1C0080



000000



# Previews

## White Background



This preview shows how the Hex color 717F40 looks on a white background.

## Color Contrast Check

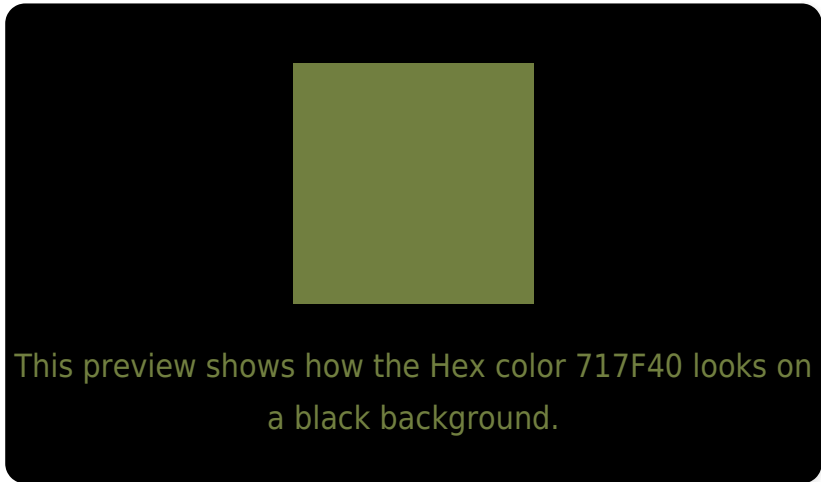
Large Text (above 18pt) WCAG AA ✓ Pass

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

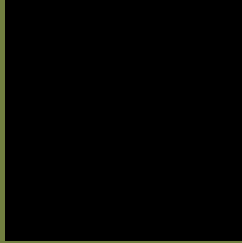
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 717F40 Background



This preview shows how black text looks on a background with the Hex color 717F40.



This preview shows how white text looks on a background with the Hex color 717F40.

# 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**  
797881

# Trichromacy



**Original Color**  
717F40

**Protanomaly**  
7E7B3F

**Deuteranomaly**  
877742

**Tritanomaly**  
767B69

# Monochromacy



**Original Color**  
717F40

**Achromatopsia**  
747474

**Achromatomaly**  
737861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717F40 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 #717F40 looks like.

```
.text, #text, p{  
    color:#717F40  
}
```

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 #717F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717F40
}
```

## Border

The CSS property to change the border of an element to Hex 717F40 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
#717F40 }
```

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

```
.border{ border-color:#717F40 }
```

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

Here you see how a box with a 4 pixel #717F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717F40; -webkit-box-shadow:4px 4px  
4px 4px #717F40; box-shadow:4px 4px 4px  
4px #717F40 }
```

# Background

The CSS property to change the background color of an element to Hex 717F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717F40 }
```

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

```
.background{ background-color:#717F40 }
```

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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