

# Converting Colors

Hex(47793E)

Have a look what the booklet for  
Hex(47793E) contains.

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**Color**

**Hex(47793E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47793E
RGB	71, 121, 62
RGB Percent	28%, 47%, 24%
CMY	0.7216, 0.5255, 0.7569
CMYK	0.41, 0.00, 0.49, 0.53
HSL	111°, 32%, 36%
HSV	111°, 49%, 47%
XYZ	10.3054, 15.3621, 6.9795
YIQ	99.3240, -10.8610, -28.9490

# Conversions

## Conversions Part 2

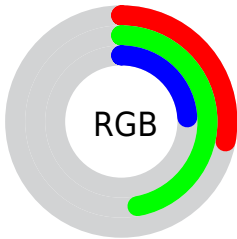
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 121, 112
Decimal	4684094
CIELab	46.13, -29.36, 27.07
CIElCh	46, 39.939, 137.325
Yxy	15.3621, 0.3157, 0.4706
Android (android.graphics.Color)	4282874174 (0xFF47793E)
YUV	99.3240, -18.4007, -24.8401
Hunter-Lab	39.1946, -21.6576, 16.8783

# Details

The Hex color **47793E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **703E79**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7AAE6F**, and **144810** is the 20% darker color. If you saturate the color by 10%, you get **3D7932**, and if you desaturate by 10%, it is **51794A**.

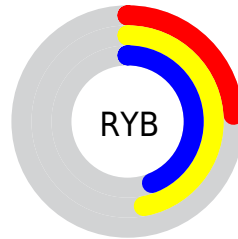
# Distribution



Red (28%)

Green (47%)

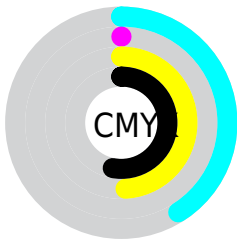
Blue (24%)



Red (24%)

Yellow (47%)

Blue (44%)

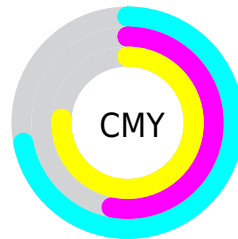


Cyan (41%)

Magenta (0%)

Yellow (49%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47793E 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 47793E by changing the saturation by 10% instead.



 47793E

 47793E

FFFFFF

 2E6027

 7AAE6F

 144810

 95C988

 003100

 B0E6A3

 001E00

 CCFFBE

 000000


 E9FFDA

 FFFFF7

 47793E

 47793E

 3D7932

 51794A

■ 327926

■ 5C7956

■ 28791A

■ 667962

■ 1E790E

■ 70796E

■ 147902

■ 7A797A

■ 127900

■ 857987

■ 8F7993

■ 99799F

■ A379AB

# Harmonies

## Analogous

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



6E712A



47793E



007D5D

# Triad

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



47793E



0075AE



AC515B

# Complementary

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



47793E



703E79

# 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.



A4527D



47793E



576AAD

# Square

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



47793E



007B9E



885D9B



A25A3D

# Rectangle

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



47793E



007E75



885D9B



AB5066



# Sweetspot

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



47793E



8A9E86



796F3E



434F41



CFCFCF



4F4F4F



# Same Dimension

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



47793E



4F9E41



3E7952



383D37



137D00



27FC00



# Inverse Universe

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



703E79



90419E



793E65



3C373D



6A007D



D600FC



# Previews

## White Background



This preview shows how the Hex color 47793E looks on a white background.

## Color Contrast Check

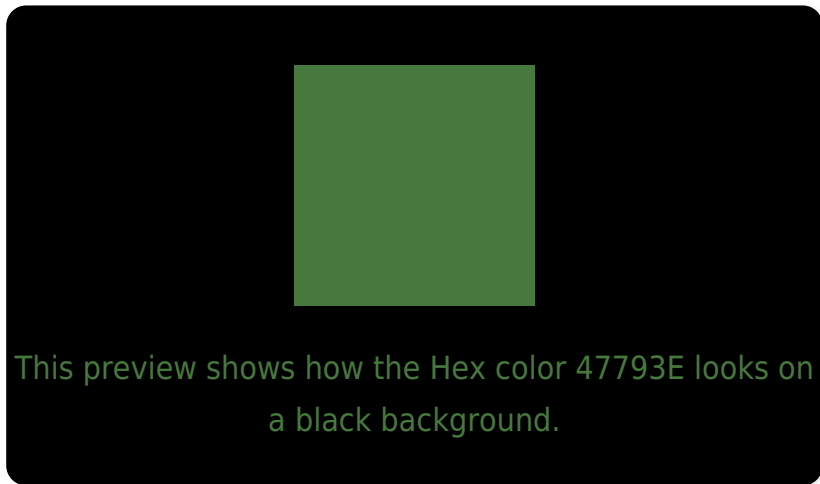
Large Text (above 18pt) WCAG AA ✓ Pass

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 47793E Background



This preview shows how black text looks on a background with the Hex color 47793E.



This preview shows how white text looks on a background with the Hex color 47793E.

# 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](#).

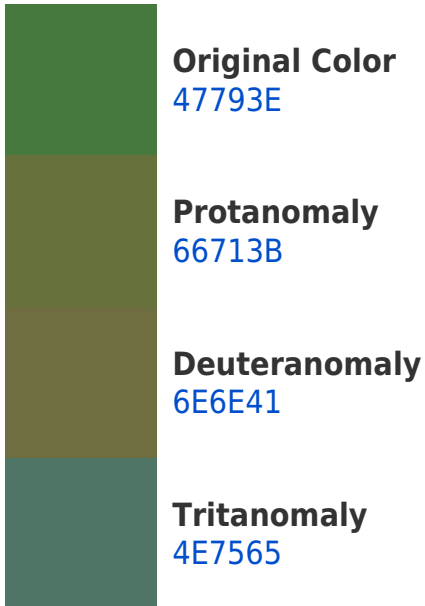
## Dichromacy



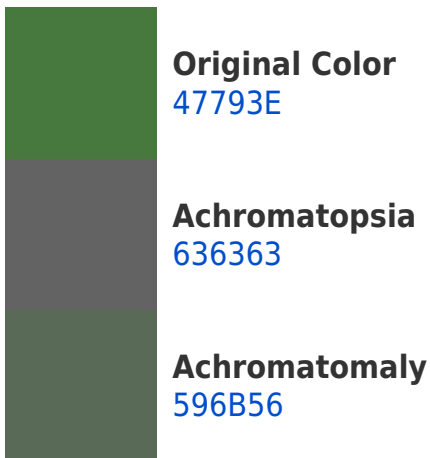


**Tritanopia**  
52727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47793E 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 #47793E looks like.

```
.text, #text, p{  
    color:#47793E  
}
```

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 #47793E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47793E
}
```

## Border

The CSS property to change the border of an element to Hex 47793E 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
#47793E }
```

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

```
.border{ border-color:#47793E }
```

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

Here you see how a box with a 4 pixel #47793E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47793E; -webkit-box-shadow:4px 4px  
4px 4px #47793E; box-shadow:4px 4px 4px  
4px #47793E }
```

# Background

The CSS property to change the background color of an element to Hex 47793E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47793E }
```

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

```
.background{ background-color:#47793E }
```

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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