

Converting Colors

Hex(42794E)

Have a look what the booklet for
Hex(42794E) contains.

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Color

Hex(42794E)

Conversions

Conversions Part 1

Format	Color
Hex	42794E
RGB	66, 121, 78
RGB Percent	26%, 47%, 31%
CMY	0.7412, 0.5255, 0.6941
CMYK	0.45, 0.00, 0.36, 0.53
HSL	133°, 29%, 37%
HSV	133°, 45%, 47%
XYZ	10.4593, 15.3831, 9.6257
YIQ	99.6530, -18.9770, -25.0330

Conversions

Conversions Part 2

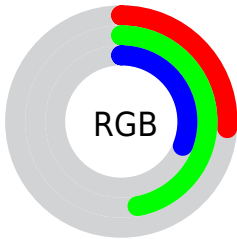
Format	Color
RYB	66, 111, 121
Decimal	4356430
CIELab	46.15, -28.30, 18.07
CIElCh	46, 33.580, 147.449
Yxy	15.3831, 0.2949, 0.4337
Android (android.graphics.Color)	4282546510 (0xFF42794E)
YUV	99.6530, -10.6749, -29.5137
Hunter-Lab	39.2212, -21.0358, 12.9039

Details

The Hex color **42794E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **79426D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **75AE7F**, and **0D4821** is the 20% darker color. If you saturate the color by 10%, you get **367945**, and if you desaturate by 10%, it is **4E7957**.

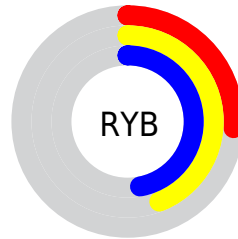
Distribution



Red (26%)

Green (47%)

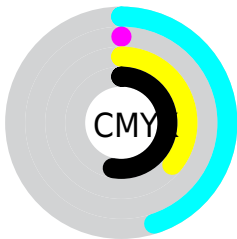
Blue (31%)



Red (26%)

Yellow (44%)

Blue (47%)

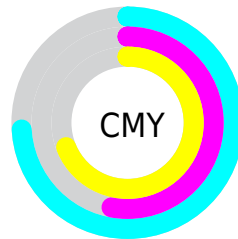


Cyan (45%)

Magenta (0%)

Yellow (36%)

Black (53%)



Cyan (74%)

Magenta (53%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42794E 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 42794E by changing the saturation by 10% instead.

 42794E

 42794E

FFFFFF

 296037

 75AE7F

 0D4821

 90C999

 00310B

 ABE6B4

 001E00

 C7FFD0

 000000

 E3FFEC

 42794E

 42794E

 367945

 4E7957

 2A793B

 5A7961

■ 1E7932

■ 66796A

■ 127928

■ 727974

■ 06791F

■ 7F797D

■ 00791A

■ 8B7987

■ 977990

■ A3799A

■ AF79A3

Harmonies

Analogous

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



64733A



42794E



027C6A

Triad

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



42794E



3971A5



A25855

Complementary

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



42794E



79426D

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.



A05671



42794E



6C679F

Square

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



42794E



00789C



8E5C8C



96613F

Rectangle

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



42794E



007C7D



8E5C8C



A3575E

Sweetspot

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



42794E



889E8D



6D7942



424F45



CFCFCF



4F4F4F

Same Dimension

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



42794E



479E5A



427969



373D38



007D1B



00FC37

Inverse Universe

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



79426D



9E478B



794252



3D373C



7D0062



FC00C5

Previews

White Background



This preview shows how the Hex color 42794E looks on a white background.

Color Contrast Check

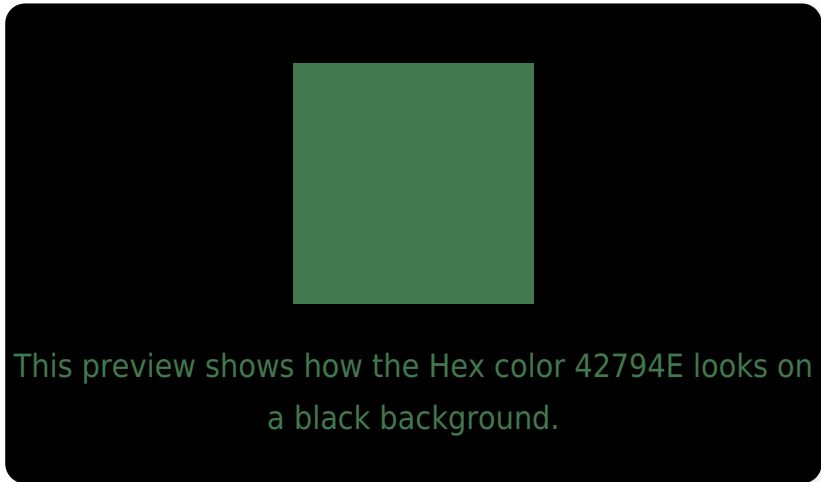
Large Text (above 18pt) WCAG AA ✓ Pass

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

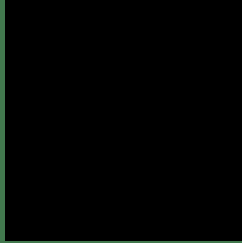
Any Text WCAG AA × Fail

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 42794E Background



This preview shows how black text looks on a background with the Hex color 42794E.



This preview shows how white text looks on a background with the Hex color 42794E.

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
42794E

Protanopia
766D49

Deuteranopia
806852



Tritanopia
4C737D

Trichromacy



Original Color
42794E

Protanomaly
63714B

Deuteranomaly
696E51

Tritanomaly
48756C

Monochromacy



Original Color
42794E

Achromatopsia
646464

Achromatomaly
586C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 42794E 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 #42794E looks like.

```
.text, #text, p{  
    color:#42794E  
}
```

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 #42794E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42794E
}
```

Border

The CSS property to change the border of an element to Hex 42794E 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".

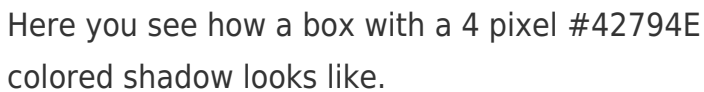
```
.border, #border, table{ border:4px solid
#42794E }
```

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

```
.border{ border-color:#42794E }
```

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

Here you see how a box with a 4 pixel #42794E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42794E; -webkit-box-shadow:4px 4px  
4px 4px #42794E; box-shadow:4px 4px 4px  
4px #42794E }
```

Background

The CSS property to change the background color of an element to Hex 42794E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42794E }
```

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

```
.background{ background-color:#42794E }
```

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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