

Converting Colors

Hex(47695E)

Have a look what the booklet for
Hex(47695E) contains.

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Color

Hex(47695E)

Conversions

Conversions Part 1

Format	Color
Hex	47695E
RGB	71, 105, 94
RGB Percent	28%, 41%, 37%
CMY	0.7216, 0.5882, 0.6314
CMYK	0.32, 0.00, 0.10, 0.59
HSL	161°, 19%, 35%
HSV	161°, 32%, 41%
XYZ	9.6705, 12.2509, 12.4446
YIQ	93.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

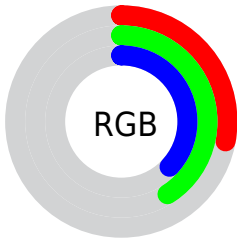
Format	Color
RYB	71, 91, 105
Decimal	4680030
CIELab	41.61, -14.91, 2.27
CIElCh	42, 15.079, 171.335
Yxy	12.2509, 0.2814, 0.3565
Android (android.graphics.Color)	4282870110 (0xFF47695E)
YUV	93.5800, 0.2071, -19.8027
Hunter-Lab	35.0013, -11.9345, 3.4204

Details

The Hex color **47695E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694752**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **799C90**, and **193A30** is the 20% darker color. If you saturate the color by 10%, you get **3C695B**, and if you desaturate by 10%, it is **526961**.

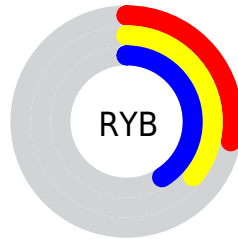
Distribution



Red (28%)

Green (41%)

Blue (37%)



Red (28%)

Yellow (36%)

Blue (41%)

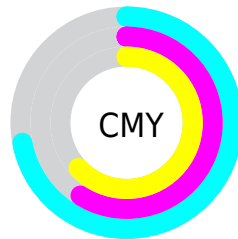


Cyan (32%)

Magenta (0%)

Yellow (10%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47695E 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 47695E by changing the saturation by 10% instead.

47695E

47695E

FFFFFF

305146

799C90

193A30

93B7AB

02241B

ADD3C6

000B00

C9EFE2

000000

E5FFFF

47695E

47695E

3C695B

526961

326957

5C6965

■ 276954

■ 666968

■ 1D6950

■ 71696C

■ 13694D

■ 7C696F

■ 08694A

■ 866972

■ 006947

■ 916976

■ 9B6979

■ A6697D

Harmonies

Analogous

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



546752



47695E



3F696B

Triad

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



47695E



5F6079



785C4F

Complementary

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



47695E



694752

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.



7C5A5A



47695E



6F5C72

Square

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



47695E



4F647A



795A66



6F604A

Rectangle

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



47695E



406872



795A66



7A5B52

Sweetspot

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



47695E



7C8A85



526947



3D4542



C4C4C4



454545

Same Dimension

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



47695E



548A78



476369



303634



00754F



00F5A6

Inverse Universe

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



694752



8A5465



694D47



363032



750026



F5004F

Previews

White Background



This preview shows how the Hex color 47695E looks on a white background.

Color Contrast Check

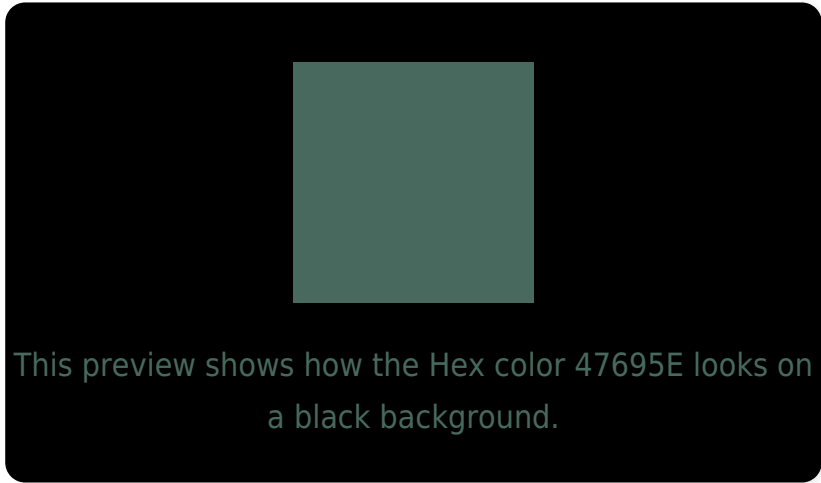
Large Text (above 18pt) WCAG AA ✓ Pass

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

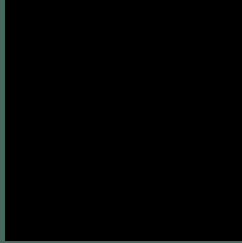
Any Text WCAG AA × Fail

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 47695E Background



This preview shows how black text looks on a background with the Hex color 47695E.



This preview shows how white text looks on a background with the Hex color 47695E.

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
47695E

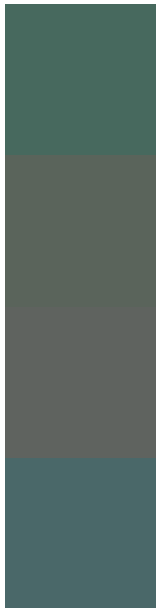
Protanopia
65615A

Deuteranopia
6C5F60



Tritanopia
4B676F

Trichromacy



Original Color
47695E

Protanomaly
5A645B

Deuteranomaly
5F635F

Tritanomaly
4A6869

Monochromacy



Original Color
47695E

Achromatopsia
5E5E5E

Achromatomaly
56625E

CSS Examples

Text

The CSS property to change the color of the text to Hex 47695E 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 #47695E looks like.

```
.text, #text, p{  
    color:#47695E  
}
```

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 #47695E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47695E
}
```

Border

The CSS property to change the border of an element to Hex 47695E 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
#47695E }
```

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

```
.border{ border-color:#47695E }
```

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

Here you see how a box with a 4 pixel #47695E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47695E; -webkit-box-shadow:4px 4px  
4px 4px #47695E; box-shadow:4px 4px 4px  
4px #47695E }
```

Background

The CSS property to change the background color of an element to Hex 47695E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47695E }
```

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

```
.background{ background-color:#47695E }
```

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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