

Converting Colors

Hex(47725D)

Have a look what the booklet for
Hex(47725D) contains.

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Color

Hex(47725D)

Conversions

Conversions Part 1

Format	Color
Hex	47725D
RGB	71, 114, 93
RGB Percent	28%, 45%, 36%
CMY	0.7216, 0.5529, 0.6353
CMYK	0.38, 0.00, 0.18, 0.55
HSL	151°, 23%, 36%
HSV	151°, 38%, 45%
XYZ	10.5916, 14.1645, 12.5317
YIQ	98.7490, -18.8870, -15.6470

Conversions

Conversions Part 2

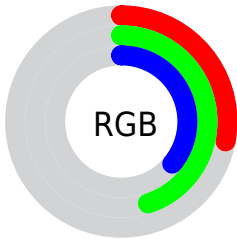
Format	Color
RYB	71, 99, 114
Decimal	4682333
CIELab	44.47, -20.03, 6.97
CIElCh	44, 21.207, 160.813
Yxy	14.1645, 0.2841, 0.3799
Android (android.graphics.Color)	4282872413 (0xFF47725D)
YUV	98.7490, -2.8343, -24.3359
Hunter-Lab	37.6358, -15.6284, 6.6031

Details

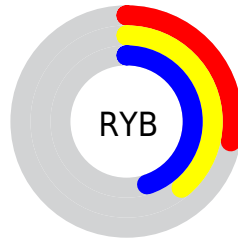
The Hex color **47725D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72475C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **79A68F**, and **17422F** is the 20% darker color. If you saturate the color by 10%, you get **3C7257**, and if you desaturate by 10%, it is **527263**.

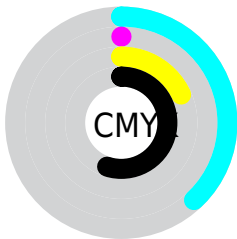
Distribution



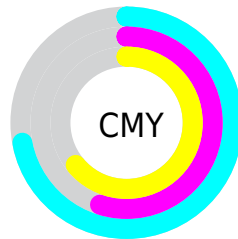
- Red (28%)
- Green (45%)
- Blue (36%)



- Red (28%)
- Yellow (39%)
- Blue (45%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (55%)



- Cyan (72%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47725D 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 47725D by changing the saturation by 10% instead.

■ 47725D

■ 47725D

FFFFFF

■ 2F5945

■ 79A68F

■ 17422F

■ 93C1AA

■ 002B1A

■ AEDDC5

■ 001800

■ CAFAE1

■ 000000

■ E7FFFE

■ 47725D

■ 47725D

■ 3C7257

■ 527263

■ 307252

■ 5E7268

■ 25724C

■ 69726E

■ 197247

■ 757273

■ 0E7241

■ 807279

■ 03723C

■ 8B727E

■ 00723A

■ 977284

■ A2728A

■ AE728F

Harmonies

Analogous

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



5C6F4E



47725D



35736F

Triad

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



47725D



5C698C



8A5F53

Complementary

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



47725D



72475C

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.



8C5C63



47725D



746284

Square

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



47725D



426E8A



855D75



7F6448

Rectangle

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



47725D



30727B



855D75



8C5D58

Sweetspot

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



47725D



84948C



5D7247



404A45



C9C9C9



4A4A4A

Same Dimension

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



47725D



519473



477272



323835



00783D



00F77F

Inverse Universe

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



72475C



945172



724747



383235



78003B



F70079

Previews

White Background



This preview shows how the Hex color 47725D 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

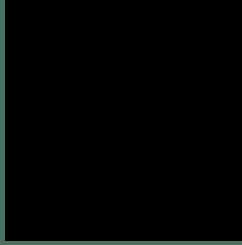
Any Text WCAG AA × Fail

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 47725D Background



This preview shows how black text looks on a background with the Hex color 47725D.



This preview shows how white text looks on a background with the Hex color 47725D.

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
47725D

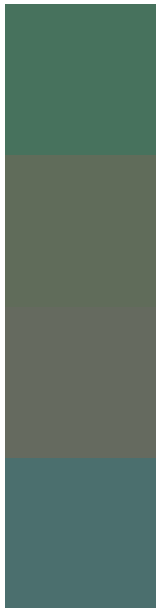
Protanopia
6E6858

Deuteranopia
766560



Tritanopia
4D6E77

Trichromacy



Original Color
47725D

Protanomaly
606C5A

Deuteranomaly
656A5F

Tritanomaly
4B6F6E

Monochromacy



Original Color
47725D

Achromatopsia
636363

Achromatomaly
596861

CSS Examples

Text

The CSS property to change the color of the text to Hex 47725D 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 #47725D looks like.

```
.text, #text, p{  
    color:#47725D  
}
```

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 #47725D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47725D
}
```

Border

The CSS property to change the border of an element to Hex 47725D 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
#47725D }
```

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

```
.border{ border-color:#47725D }
```

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

Here you see how a box with a 4 pixel #47725D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47725D; -webkit-box-shadow:4px 4px  
4px 4px #47725D; box-shadow:4px 4px 4px  
4px #47725D }
```

Background

The CSS property to change the background color of an element to Hex 47725D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47725D }
```

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

```
.background{ background-color:#47725D }
```

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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