

Converting Colors

Hex(47664C)

Have a look what the booklet for
Hex(47664C) contains.

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Color

Hex(47664C)

Conversions

Conversions Part 1

Format	Color
Hex	47664C
RGB	71, 102, 76
RGB Percent	28%, 40%, 30%
CMY	0.7216, 0.6000, 0.7020
CMYK	0.30, 0.00, 0.25, 0.60
HSL	130°, 18%, 34%
HSV	130°, 30%, 40%
XYZ	8.6544, 11.3641, 8.5748
YIQ	89.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

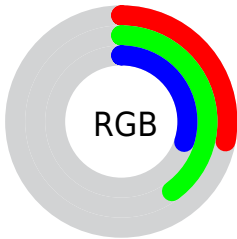
Format	Color
RYB	71, 98, 102
Decimal	4679244
CIELab	40.19, -17.24, 11.15
CIELCh	40, 20.534, 147.120
Yxy	11.3641, 0.3027, 0.3974
Android (android.graphics.Color)	4282869324 (0xFF47664C)
YUV	89.7670, -6.7871, -16.4587
Hunter-Lab	33.7107, -13.1683, 8.5162

Details

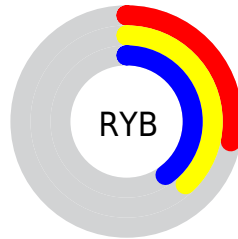
The Hex color **47664C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664761**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **78997D**, and **193720** is the 20% darker color. If you saturate the color by 10%, you get **3D6643**, and if you desaturate by 10%, it is **516655**.

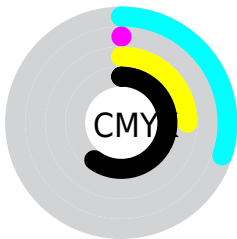
Distribution



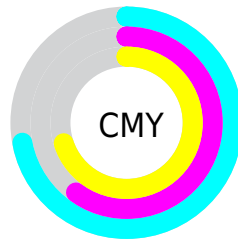
- Red (28%)
- Green (40%)
- Blue (30%)



- Red (28%)
- Yellow (38%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47664C 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 47664C by changing the saturation by 10% instead.



47664C



47664C

FFFFFF



304E35



78997D



193720



92B497



042109



ADD0B2



000100



C9ECCD



000000



E5FFE9



47664C



47664C



3D6643



516655



33663B



5B665D

 286632

 666666

 1E662A

 70666E

 146621

 7A6677

 0A6619

 84667F

 006610

 8E6688

 996690

 A36699

Harmonies

Analogous

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



5A6240



47664C



34685C

Triad

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



47664C



466180



805350

Complementary

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



47664C



664761

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.



7E5261



47664C



5F5B7C

Square

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



47664C



2F657A



735571



795743

Rectangle

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



47664C



2A6868



735571



805256

Sweetspot

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



47664C



79857B



616647



3B423C



C2C2C2



424242

Same Dimension

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



47664C



55855D



47665B



2E332F



007313



00F227

Inverse Universe

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



664761



85557D



664752



332E32



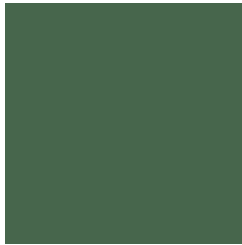
730060



F200CB

Previews

White Background



This preview shows how the Hex color 47664C looks on a white background.

Color Contrast Check

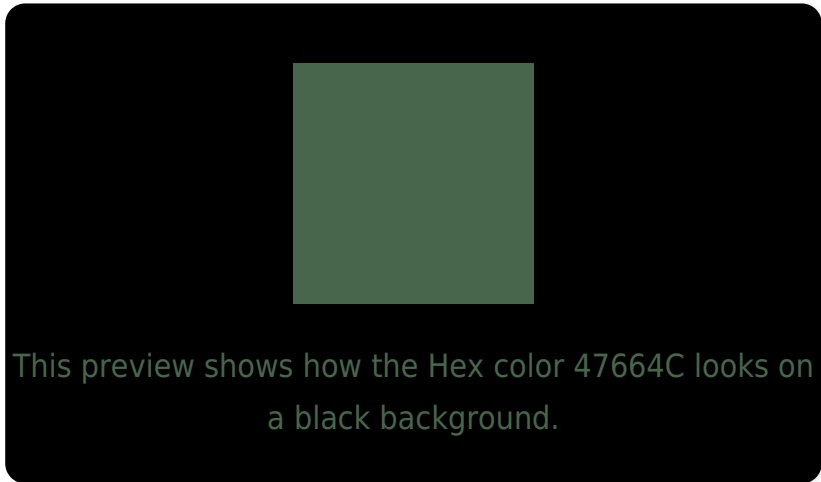
Large Text (above 18pt) WCAG AA ✓ Pass

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

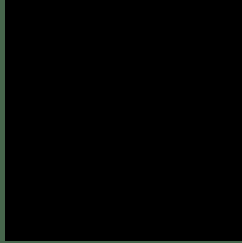
Any Text WCAG AA × Fail

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 47664C Background



This preview shows how black text looks on a background with the Hex color 47664C.



This preview shows how white text looks on a background with the Hex color 47664C.

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
47664C

Protanopia
655E48

Deuteranopia
6D5B4E



Tritanopia
4D626A

Trichromacy



Original Color
47664C

Protanomaly
5A6149

Deuteranomaly
5F5F4D

Tritanomaly
4B635F

Monochromacy



Original Color
47664C

Achromatopsia
5A5A5A

Achromatomaly
535E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 47664C 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 #47664C looks like.

```
.text, #text, p{  
    color:#47664C  
}
```

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 #47664C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47664C
}
```

Border

The CSS property to change the border of an element to Hex 47664C 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".

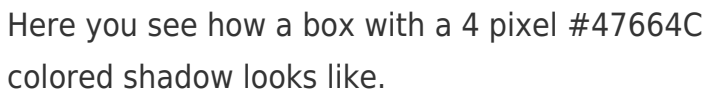
```
.border, #border, table{ border:4px solid
#47664C }
```

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

```
.border{ border-color:#47664C }
```

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

Here you see how a box with a 4 pixel #47664C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47664C; -webkit-box-shadow:4px 4px  
4px 4px #47664C; box-shadow:4px 4px 4px  
4px #47664C }
```

Background

The CSS property to change the background color of an element to Hex 47664C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47664C }
```

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

```
.background{ background-color:#47664C }
```

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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