

Converting Colors

Hex(46774B)

Have a look what the booklet for
Hex(46774B) contains.

Hex(46774B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46774B)

Conversions

Conversions Part 1

Format	Color
Hex	46774B
RGB	70, 119, 75
RGB Percent	27%, 47%, 29%
CMY	0.7255, 0.5333, 0.7059
CMYK	0.41, 0.00, 0.37, 0.53
HSL	126°, 26%, 37%
HSV	126°, 41%, 47%
XYZ	10.3926, 15.0037, 9.0049
YIQ	99.3330, -15.0800, -24.0720

Conversions

Conversions Part 2

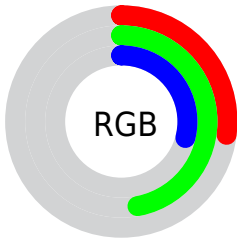
Format	Color
RYB	70, 114, 119
Decimal	4618059
CIELab	45.64, -26.59, 19.14
CIElCh	46, 32.765, 144.261
Yxy	15.0037, 0.3021, 0.4361
Android (android.graphics.Color)	4282808139 (0xFF46774B)
YUV	99.3330, -11.9962, -25.7250
Hunter-Lab	38.7347, -19.8936, 13.3308

Details

The Hex color **46774B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **774672**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **79AC7C**, and **14461E** is the 20% darker color. If you saturate the color by 10%, you get **3A7740**, and if you desaturate by 10%, it is **527756**.

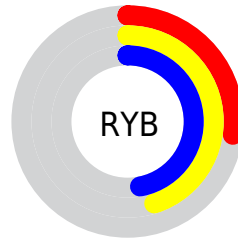
Distribution



Red (27%)

Green (47%)

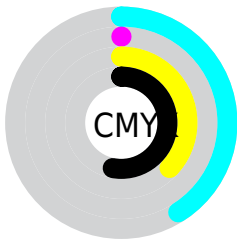
Blue (29%)



Red (27%)

Yellow (45%)

Blue (47%)

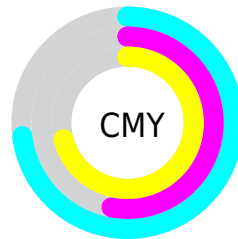


Cyan (41%)

Magenta (0%)

Yellow (37%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46774B 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 46774B by changing the saturation by 10% instead.



46774B



46774B

FFFFFF



2D5E34



79AC7C



14461E



93C796



002F07



AEE3B1



001C00



CAFFCD



000000



E7FFE9



46774B



46774B



3A7740



527756



2E7736



5E7760

■ 22772B

■ 6A776B

■ 167720

■ 767776

■ 0B7716

■ 827780

■ 00770C

■ 8D778B

■ 997796

■ A577A0

■ B177AB

Harmonies

Analogous

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



677139



46774B



157A66

Triad

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



46774B



3370A2



A05757

Complementary

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



46774B



774672

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.



9C5672



46774B



66679E

Square

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



46774B



007798



895D8C



965F40

Rectangle

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



46774B



007A79



895D8C



A05660

Sweetspot

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



46774B



899C8B



727746



444F45



CFCFCF



4F4F4F

Same Dimension

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



46774B



4F9C57



467763



353B35



007A0C



00FA19

Inverse Universe

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



774672



9C4F94



77465A



3B353A



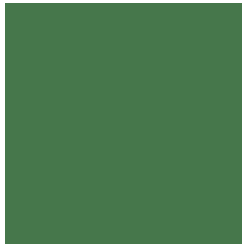
7A006E



FA00E0

Previews

White Background



This preview shows how the Hex color 46774B looks on a white background.

Color Contrast Check

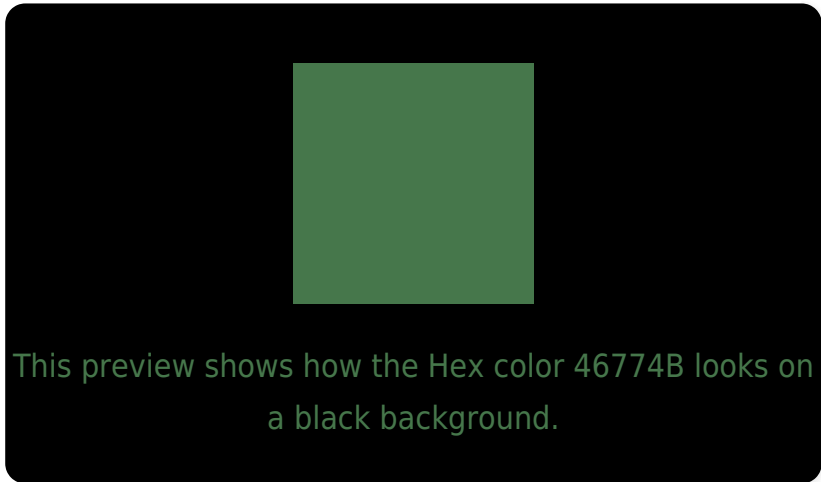
Large Text (above 18pt) WCAG AA ✓ Pass

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 46774B Background



This preview shows how black text looks on a background with the Hex color 46774B.



This preview shows how white text looks on a background with the Hex color 46774B.

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
46774B

Protanopia
756C46

Deuteranopia
7F674F



Tritanopia
50717A

Trichromacy



Original Color
46774B

Protanomaly
647048

Deuteranomaly
6A6D4E

Tritanomaly
4C7369

Monochromacy



Original Color
46774B

Achromatopsia
636363

Achromatomaly
586A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 46774B 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 #46774B looks like.

```
.text, #text, p{  
    color:#46774B  
}
```

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 #46774B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46774B
}
```

Border

The CSS property to change the border of an element to Hex 46774B 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
#46774B }
```

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

```
.border{ border-color:#46774B }
```

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

Here you see how a box with a 4 pixel #46774B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46774B; -webkit-box-shadow:4px 4px  
4px 4px #46774B; box-shadow:4px 4px 4px  
4px #46774B }
```

Background

The CSS property to change the background color of an element to Hex 46774B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46774B }
```

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

```
.background{ background-color:#46774B }
```

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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