

Converting Colors

Hex(46714C)

Have a look what the booklet for
Hex(46714C) contains.

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Color

Hex(46714C)

Conversions

Conversions Part 1

Format	Color
Hex	46714C
RGB	70, 113, 76
RGB Percent	27%, 44%, 30%
CMY	0.7255, 0.5569, 0.7020
CMYK	0.38, 0.00, 0.33, 0.56
HSL	128°, 23%, 36%
HSV	128°, 38%, 44%
XYZ	9.7354, 13.6341, 8.9560
YIQ	95.9250, -13.7510, -20.6230

Conversions

Conversions Part 2

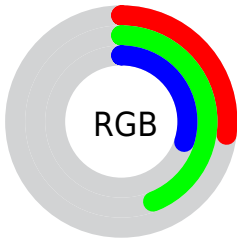
Format	Color
RYB	70, 108, 113
Decimal	4616524
CIELab	43.70, -23.40, 15.96
CIElCh	44, 28.324, 145.708
Yxy	13.6341, 0.3012, 0.4218
Android (android.graphics.Color)	4282806604 (0xFF46714C)
YUV	95.9250, -9.8230, -22.7362
Hunter-Lab	36.9244, -17.5549, 11.4663

Details

The Hex color **46714C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71466B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **78A57D**, and **16411F** is the 20% darker color. If you saturate the color by 10%, you get **3B7142**, and if you desaturate by 10%, it is **517156**.

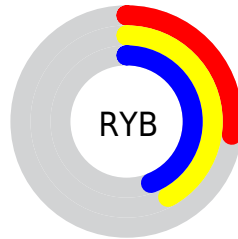
Distribution



Red (27%)

Green (44%)

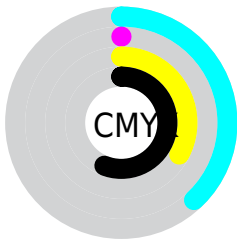
Blue (30%)



Red (27%)

Yellow (42%)

Blue (44%)

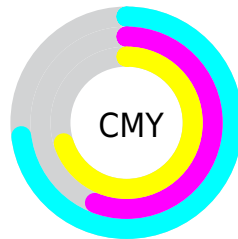


Cyan (38%)

Magenta (0%)

Yellow (33%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46714C 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 46714C by changing the saturation by 10% instead.

 46714C

 46714C

FFFFFF

 2E5835

 78A57D

 16411F

 92C097

 002A09

 ADDCB2

 001500

 C9F9CD


 000000

 E5FFEA

 46714C

 46714C

 3B7142

 517156

 2F7139

 5D715F

■ 24712F

■ 687169

■ 197125

■ 737173

■ 0E711B

■ 7F717D

■ 027112

■ 8A7186

■ 007110

■ 957190

■ A0719A

■ AC71A4

Harmonies

Analogous

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



626C3C



46714C



237363

Triad

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



46714C



3D6B96



945654

Complementary

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



46714C



71466B

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.



92556C



46714C



656292

Square

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



46714C



00708D



825A82



8B5C41

Rectangle

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



46714C



007473



825A82



95555C

Sweetspot

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



46714C



849486



6B7146



404A42



C9C9C9



4A4A4A

Same Dimension

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



46714C



509459



467161



323833



007811



00F723

Inverse Universe

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



71466B



94508A



714656



383237



780067



F700D5

Previews

White Background



This preview shows how the Hex color 46714C looks on a white background.

Color Contrast Check

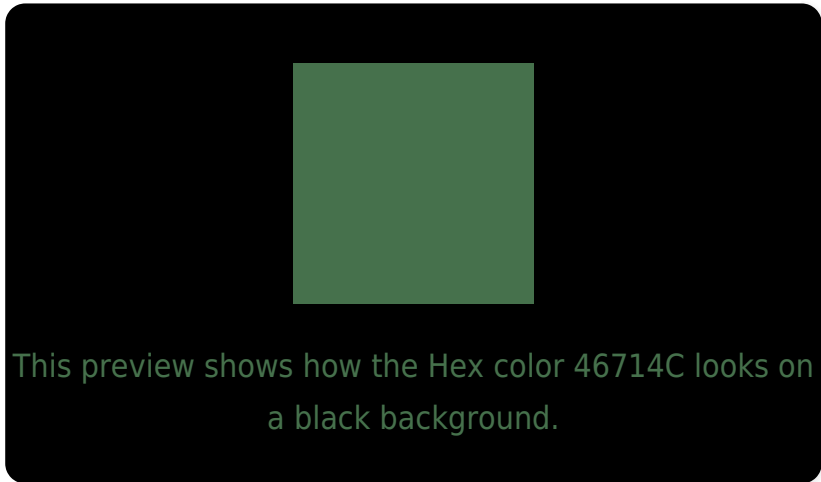
Large Text (above 18pt) WCAG AA ✓ Pass

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

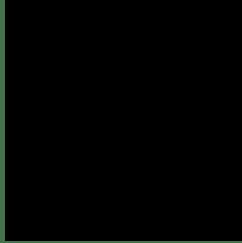
Any Text WCAG AA × Fail

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 46714C Background



This preview shows how black text looks on a background with the Hex color 46714C.



This preview shows how white text looks on a background with the Hex color 46714C.

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
46714C

Protanopia
6F6748

Deuteranopia
79634F



Tritanopia
4E6C75

Trichromacy



Original Color
46714C

Protanomaly
606B49

Deuteranomaly
66684E

Tritanomaly
4B6E66

Monochromacy



Original Color
46714C

Achromatopsia
606060

Achromatomaly
576659

CSS Examples

Text

The CSS property to change the color of the text to Hex 46714C 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 #46714C looks like.

```
.text, #text, p{  
    color:#46714C  
}
```

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 #46714C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46714C
}
```

Border

The CSS property to change the border of an element to Hex 46714C 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
#46714C }
```

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

```
.border{ border-color:#46714C }
```

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

Here you see how a box with a 4 pixel #46714C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46714C; -webkit-box-shadow:4px 4px  
4px 4px #46714C; box-shadow:4px 4px 4px  
4px #46714C }
```

Background

The CSS property to change the background color of an element to Hex 46714C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46714C }
```

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

```
.background{ background-color:#46714C }
```

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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