

Converting Colors

Hex(46784D)

Have a look what the booklet for
Hex(46784D) contains.

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Color

Hex(46784D)

Conversions

Conversions Part 1

Format	Color
Hex	46784D
RGB	70, 120, 77
RGB Percent	27%, 47%, 30%
CMY	0.7255, 0.5294, 0.6980
CMYK	0.42, 0.00, 0.36, 0.53
HSL	128°, 26%, 37%
HSV	128°, 42%, 47%
XYZ	10.5818, 15.2709, 9.4110
YIQ	100.1480, -15.9970, -23.9730

Conversions

Conversions Part 2

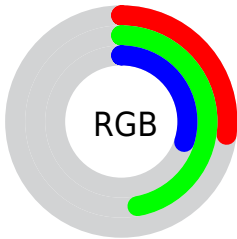
Format	Color
RYB	70, 114, 120
Decimal	4618317
CIELab	46.00, -26.72, 18.47
CIElCh	46, 32.484, 145.340
Yxy	15.2709, 0.3001, 0.4330
Android (android.graphics.Color)	4282808397 (0xFF46784D)
YUV	100.1480, -11.4120, -26.4398
Hunter-Lab	39.0779, -20.0509, 13.0759

Details

The Hex color **46784D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **784671**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **79AD7E**, and **144720** is the 20% darker color. If you saturate the color by 10%, you get **3A7843**, and if you desaturate by 10%, it is **527857**.

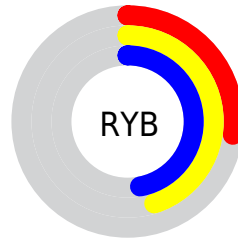
Distribution



Red (27%)

Green (47%)

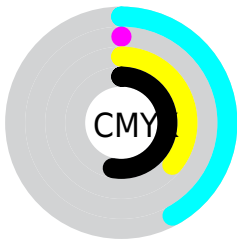
Blue (30%)



Red (27%)

Yellow (45%)

Blue (47%)

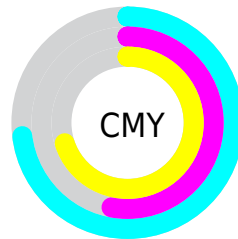


Cyan (42%)

Magenta (0%)

Yellow (36%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46784D 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 46784D by changing the saturation by 10% instead.

 46784D

 46784D

FFFFFF

 2D5F36

 79AD7E

 144720

 93C898

 00300A

 AEE4B3

 001D00

 CAFFCF

 000000

 E7FFE8

 46784D

 46784D

 3A7843

 527857

 2E7838

 5E7862

■ 22782E

■ 6A786C

■ 167824

■ 767876

■ 0A7819

■ 827881

■ 007811

■ 8E788B

■ 9A7895

■ A678A0

■ B278AA

Harmonies

Analogous

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



67723A



46784D



157B68

Triad

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



46784D



3771A3



A05857

Complementary

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



46784D



784671

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.



9D5772



46784D



69679E

Square

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



46784D



007899



8B5D8C



966041

Rectangle

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



46784D



007B7A



8B5D8C



A15760

Sweetspot

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



46784D



879C8A



717846



424F44



CFCFCF



4F4F4F

Same Dimension

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



46784D



4E9C59



467866



373D38



007D11



00FC23

Inverse Universe

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



784671



9C4E91



784658



3D373C



7D006B



FC00D9

Previews

White Background



This preview shows how the Hex color 46784D looks on a white background.

Color Contrast Check

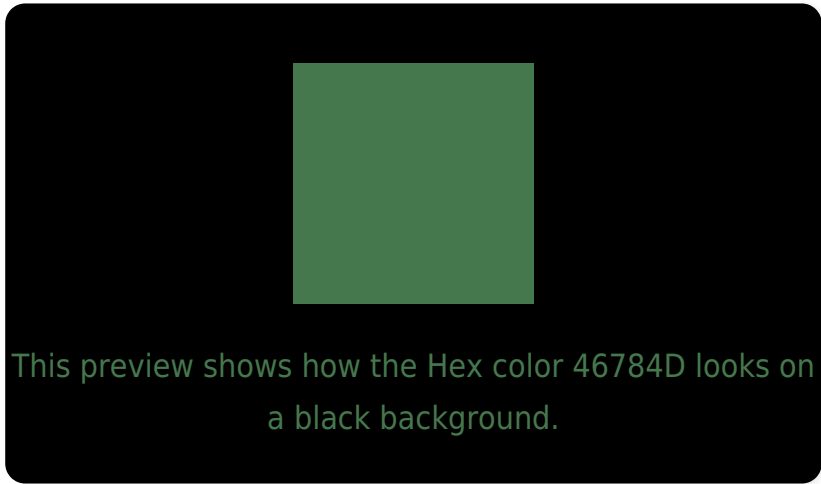
Large Text (above 18pt) WCAG AA ✓ Pass

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 46784D Background



This preview shows how black text looks on a background with the Hex color 46784D.



This preview shows how white text looks on a background with the Hex color 46784D.

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
46784D

Protanopia
766C48

Deuteranopia
806851



Tritanopia
50727B

Trichromacy



Original Color
46784D

Protanomaly
65704A

Deuteranomaly
6B6E50

Tritanomaly
4C746A

Monochromacy



Original Color
46784D

Achromatopsia
646464

Achromatomaly
596B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 46784D 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 #46784D looks like.

```
.text, #text, p{  
    color:#46784D  
}
```

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 #46784D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46784D
}
```

Border

The CSS property to change the border of an element to Hex 46784D 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
#46784D }
```

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

```
.border{ border-color:#46784D }
```

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

Here you see how a box with a 4 pixel #46784D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46784D; -webkit-box-shadow:4px 4px  
4px 4px #46784D; box-shadow:4px 4px 4px  
4px #46784D }
```

Background

The CSS property to change the background color of an element to Hex 46784D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46784D }
```

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

```
.background{ background-color:#46784D }
```

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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