

Converting Colors

Hex(40784D)

Have a look what the booklet for
Hex(40784D) contains.

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Color

Hex(40784D)

Conversions

Conversions Part 1

Format	Color
Hex	40784D
RGB	64, 120, 77
RGB Percent	25%, 47%, 30%
CMY	0.7490, 0.5294, 0.6980
CMYK	0.47, 0.00, 0.36, 0.53
HSL	134°, 30%, 36%
HSV	134°, 47%, 47%
XYZ	10.1704, 15.0588, 9.3918
YIQ	98.3540, -19.5730, -25.2450

Conversions

Conversions Part 2

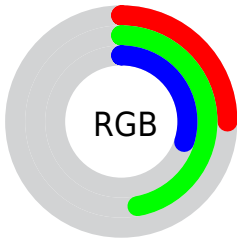
Format	Color
RYB	64, 109, 120
Decimal	4225101
CIELab	45.71, -28.64, 18.04
CIELCh	46, 33.842, 147.794
Yxy	15.0588, 0.2938, 0.4350
Android (android.graphics.Color)	4282415181 (0xFF40784D)
YUV	98.3540, -10.5275, -30.1285
Hunter-Lab	38.8056, -21.1276, 12.8145

Details

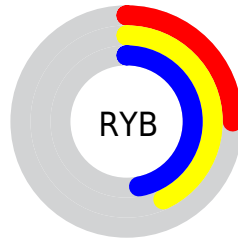
The Hex color **40784D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **78406B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **73AD7E**, and **0A4720** is the 20% darker color. If you saturate the color by 10%, you get **347844**, and if you desaturate by 10%, it is **4C7856**.

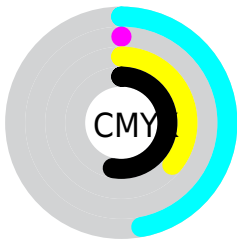
Distribution



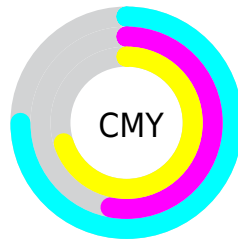
- Red (25%)
- Green (47%)
- Blue (30%)



- Red (25%)
- Yellow (43%)
- Blue (47%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)



- Cyan (75%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40784D 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 40784D by changing the saturation by 10% instead.

■ 40784D

■ 40784D

FFFFFF

■ 275F36

■ 73AD7E

■ 0A4720

■ 8EC898

■ 00300A

■ A9E4B3

■ 001C00

■ C4FFCF

■ 000000

■ E1FFEB

FEFFFF

■ 40784D

■ 40784D

■ 347844

■ 4C7856

■ 28783B

■ 58785F

■ 1C7831

■ 647869

■ 107828

■ 707872

■ 04781F

■ 7C787B

■ 00781C

■ 887884

■ 94788D

■ A07897

■ AC78A0

Harmonies

Analogous

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



637239



40784D



007B69

Triad

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



40784D



3770A5



A15753

Complementary

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



40784D



78406B

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.



9F556F



40784D



6B669E

Square

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



40784D



00779B



8D5B8B



95603D

Rectangle

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



40784D



007B7D



8D5B8B



A2565C

Sweetspot

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



40784D



869C8B



6C7840



424F45



CFCFCF



4F4F4F

Same Dimension

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



40784D



449C59



407868



373D39



007D1D



00FC3B

Inverse Universe

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



78406B



9C4487



784050



3D373C



7D0060



FC00C2

Previews

White Background



This preview shows how the Hex color 40784D looks on a white background.

Color Contrast Check

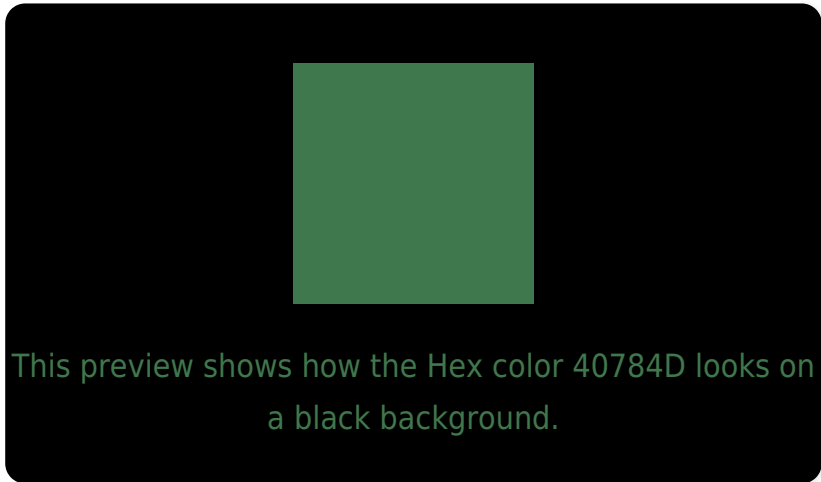
Large Text (above 18pt) WCAG AA ✓ Pass

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

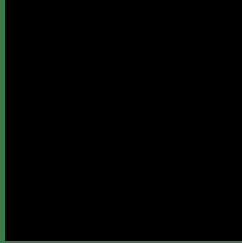
Any Text WCAG AA × Fail

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 40784D Background



This preview shows how black text looks on a background with the Hex color 40784D.



This preview shows how white text looks on a background with the Hex color 40784D.

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
40784D

Protanopia
756C48

Deuteranopia
7F6751



Tritanopia
4B727C

Trichromacy



Original Color
40784D

Protanomaly
62704A

Deuteranomaly
686D50

Tritanomaly
47746B

Monochromacy



Original Color
40784D

Achromatopsia
626262

Achromatomaly
566A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40784D 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 #40784D looks like.

```
.text, #text, p{  
    color:#40784D  
}
```

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 #40784D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40784D  
}
```

Border

The CSS property to change the border of an element to Hex 40784D 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".

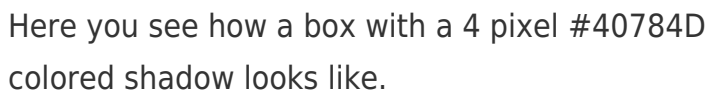
```
.border, #border, table{ border:4px solid  
#40784D }
```

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

```
.border{ border-color:#40784D }
```

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

Here you see how a box with a 4 pixel #40784D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40784D; -webkit-box-shadow:4px 4px  
4px 4px #40784D; box-shadow:4px 4px 4px  
4px #40784D }
```

Background

The CSS property to change the background color of an element to Hex 40784D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40784D }
```

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

```
.background{ background-color:#40784D }
```

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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