

Converting Colors

Hex(37684A)

Have a look what the booklet for
Hex(37684A) contains.

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Color

Hex(37684A)

Conversions

Conversions Part 1

Format	Color
Hex	37684A
RGB	55, 104, 74
RGB Percent	22%, 41%, 29%
CMY	0.7843, 0.5922, 0.7098
CMYK	0.47, 0.00, 0.29, 0.59
HSL	143°, 31%, 31%
HSV	143°, 47%, 41%
XYZ	7.7619, 11.2073, 8.2327
YIQ	85.9290, -19.5740, -19.7180

Conversions

Conversions Part 2

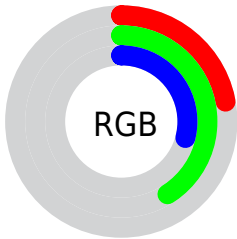
Format	Color
RYB	55, 90, 104
Decimal	3631178
CIELab	39.93, -24.14, 11.86
CIElCh	40, 26.894, 153.844
Yxy	11.2073, 0.2853, 0.4120
Android (android.graphics.Color)	4281821258 (0xFF37684A)
YUV	85.9290, -5.8810, -27.1247
Hunter-Lab	33.4773, -17.1989, 8.8535

Details

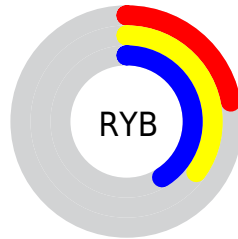
The Hex color **37684A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683755**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **699C7B**, and **03381E** is the 20% darker color. If you saturate the color by 10%, you get **2D6844**, and if you desaturate by 10%, it is **416850**.

Distribution



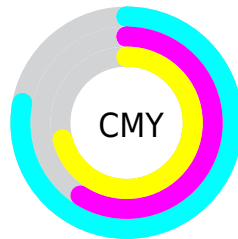
- Red (22%)
- Green (41%)
- Blue (29%)



- Red (22%)
- Yellow (35%)
- Blue (41%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (59%)



- Cyan (78%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37684A 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 37684A by changing the saturation by 10% instead.



37684A



37684A

FFFFFF



1E5033



699C7B



03381E



83B795



002306



9DD2AF



000000



B9EFCB



D5FFE7



F2FFFF



37684A



37684A



2D6844



416850

■ 22683D

■ 4C6857

■ 186837

■ 56685D

■ 0D6831

■ 616863

■ 03682A

■ 6B686A

■ 006828

■ 756870

■ 806877

■ 8A687D

■ 956883

Harmonies

Analogous

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



526439



37684A



116A60

Triad

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



37684A



415F8A



874F47

Complementary

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



37684A



683755

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.



874D5C



37684A



645783

Square

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



37684A



116585



7C5072



7C5637

Rectangle

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



37684A



00696F



7C5072



884E4D

Sweetspot

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



37684A



74877C



556837



39453E



C4C4C4



454545

Same Dimension

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



37684A



3A8758



376862



2E3330



00732C



00F25E

Inverse Universe

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



683755



873A69



68373D



332E31



730046



F20094

Previews

White Background



This preview shows how the Hex color 37684A looks on a white background.

Color Contrast Check

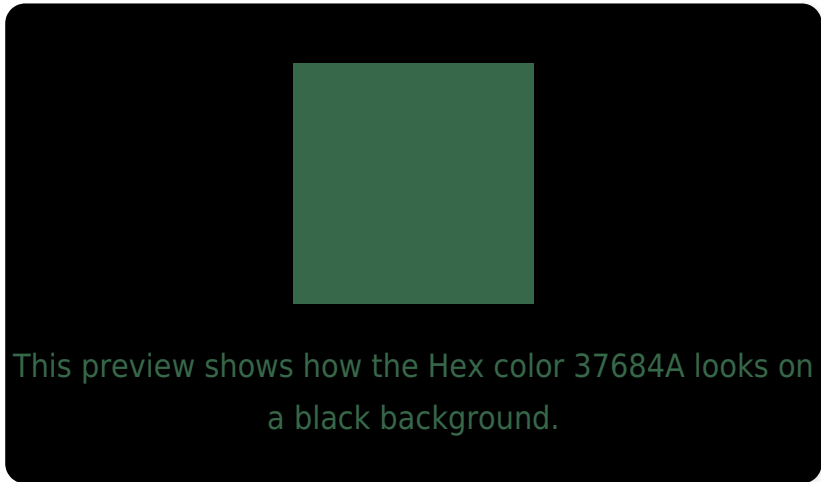
Large Text (above 18pt) WCAG AA ✓ Pass

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

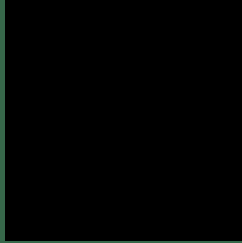
Any Text WCAG AA × Fail

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 37684A Background



This preview shows how black text looks on a background with the Hex color 37684A.



This preview shows how white text looks on a background with the Hex color 37684A.

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
37684A

Protanopia
645E45

Deuteranopia
6C5A4D



Tritanopia
3F646C

Trichromacy



Original Color
37684A

Protanomaly
546247

Deuteranomaly
595F4C

Tritanomaly
3C6560

Monochromacy



Original Color
37684A

Achromatopsia
565656

Achromatomaly
4B5D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 37684A 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 #37684A looks like.

```
.text, #text, p{  
    color:#37684A  
}
```

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 #37684A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37684A
}
```

Border

The CSS property to change the border of an element to Hex 37684A 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".

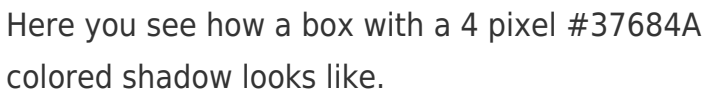
```
.border, #border, table{ border:4px solid
#37684A }
```

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

```
.border{ border-color:#37684A }
```

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

Here you see how a box with a 4 pixel #37684A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37684A; -webkit-box-shadow:4px 4px  
4px 4px #37684A; box-shadow:4px 4px 4px  
4px #37684A }
```

Background

The CSS property to change the background color of an element to Hex 37684A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37684A }
```

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

```
.background{ background-color:#37684A }
```

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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