

Converting Colors

Hex(387D47)

Have a look what the booklet for
Hex(387D47) contains.

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Color

Hex(387D47)

Conversions

Conversions Part 1

Format	Color
Hex	387D47
RGB	56, 125, 71
RGB Percent	22%, 49%, 28%
CMY	0.7804, 0.5098, 0.7216
CMYK	0.55, 0.00, 0.43, 0.51
HSL	133°, 38%, 35%
HSV	133°, 55%, 49%
XYZ	10.1018, 15.9629, 8.5100
YIQ	98.2130, -23.7900, -31.4220

Conversions

Conversions Part 2

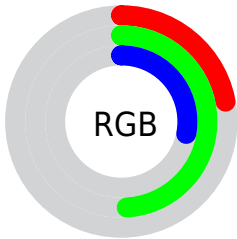
Format	Color
RYB	56, 113, 125
Decimal	3702087
CIELab	46.93, -34.39, 22.98
CIElCh	47, 41.363, 146.246
Yxy	15.9629, 0.2922, 0.4617
Android (android.graphics.Color)	4281892167 (0xFF387D47)
YUV	98.2130, -13.4160, -37.0208
Hunter-Lab	39.9536, -24.7871, 15.3390

Details

The Hex color **387D47** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7D386E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6DB278**, and **004B1A** is the 20% darker color. If you saturate the color by 10%, you get **2C7D3D**, and if you desaturate by 10%, it is **457D51**.

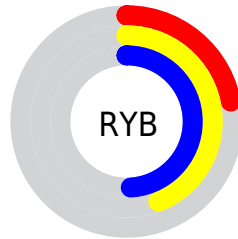
Distribution



Red (22%)

Green (49%)

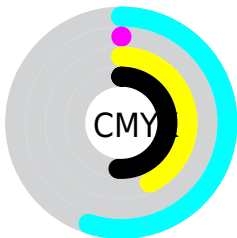
Blue (28%)



Red (22%)

Yellow (44%)

Blue (49%)

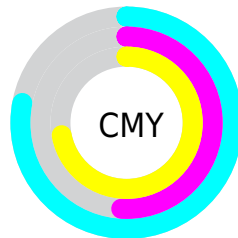


Cyan (55%)

Magenta (0%)

Yellow (43%)

Black (51%)



Cyan (78%)

Magenta (51%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 387D47 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 387D47 by changing the saturation by 10% instead.



387D47



387D47

FFFFFF



1C6430



6DB278



004B1A



87CE92



003401



A3EAAD



002000



BFFFC8



000000



DBFFE4



F8FFFF



387D47



387D47



2C7D3D



457D51

■ 1F7D33

■ 517D5B

■ 137D2A

■ 5E7D64

■ 067D20

■ 6A7D6E

■ 007D1B

■ 777D78

■ 837D82

■ 907D8B

■ 9C7D95

■ A97D9F

Harmonies

Analogous

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



64762D



387D47



00806A

Triad

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



387D47



0C74B4



AF5452

Complementary

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



387D47



7D386E

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.



AC5175



387D47



6A68AE

Square

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



387D47



007CA8



965A96



A15F36

Rectangle

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



387D47



008182



965A96



B0515E

Sweetspot

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



387D47



87A38D



6E7D38



415245



D1D1D1



525252

Same Dimension

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



387D47



37A34F



387D69



39403B



00801C



000000

Inverse Universe

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



7D386E



A3378C



7D384C



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 387D47 looks on a white background.

Color Contrast Check

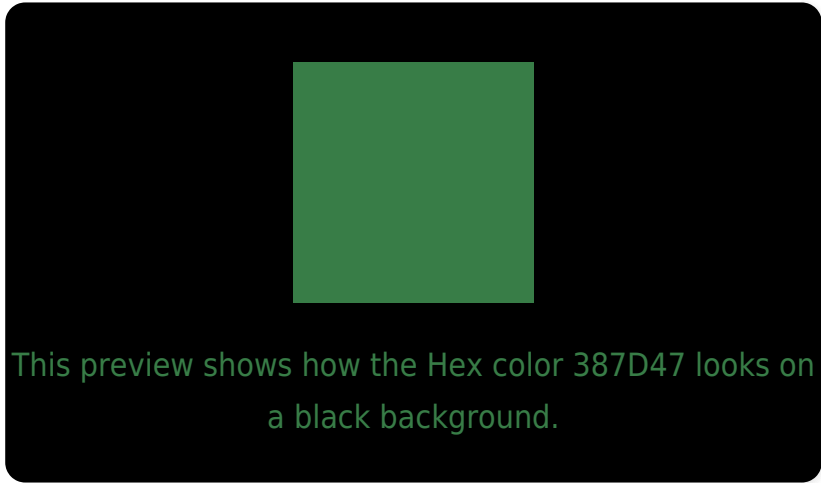
Large Text (above 18pt) WCAG AA ✓ Pass

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

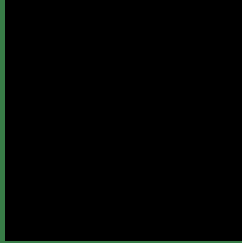
Any Text WCAG AA × Fail

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 387D47 Background



This preview shows how black text looks on a background with the Hex color 387D47.



This preview shows how white text looks on a background with the Hex color 387D47.

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
387D47

Protanopia
796F42

Deuteranopia
846A4C



Tritanopia
467680

Trichromacy



Original Color
387D47

Protanomaly
617444

Deuteranomaly
68714A

Tritanomaly
41796B

Monochromacy



Original Color
387D47

Achromatopsia
626262

Achromatomaly
536C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 387D47 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 #387D47 looks like.

```
.text, #text, p{  
  color:#387D47  
}
```

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 #387D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387D47
}
```

Border

The CSS property to change the border of an element to Hex 387D47 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
#387D47 }
```

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

```
.border{ border-color:#387D47 }
```

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

Here you see how a box with a 4 pixel #387D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387D47; -webkit-box-shadow:4px 4px  
4px 4px #387D47; box-shadow:4px 4px 4px  
4px #387D47 }
```

Background

The CSS property to change the background color of an element to Hex 387D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387D47 }
```

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

```
.background{ background-color:#387D47 }
```

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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