

Converting Colors

Hex(377E4A)

Have a look what the booklet for
Hex(377E4A) contains.

| | |
|--|----|
| Hex(377E4A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(377E4A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 377E4A |
| RGB | 55, 126, 74 |
| RGB Percent | 22%, 49%, 29% |
| CMY | 0.7843, 0.5059, 0.7098 |
| CMYK | 0.56, 0.00, 0.41, 0.51 |
| HSL | 136°, 39%, 35% |
| HSV | 136°, 56%, 49% |
| XYZ | 10.2724, 16.2283, 9.0695 |
| YIQ | 98.8430, -25.6240, -31.2240 |

Conversions

Conversions Part 2

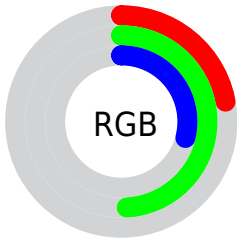
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 55, 111, 126 |
| Decimal | 3636810 |
| CIELab | 47.27, -34.56, 21.75 |
| CIElCh | 47, 40.832, 147.821 |
| Yxy | 16.2283, 0.2888, 0.4562 |
| Android (android.graphics.Color) | 4281826890 (0xFF377E4A) |
| YUV | 98.8430, -12.2476, -38.4503 |
| Hunter-Lab | 40.2844, -24.9807, 14.8507 |

Details

The Hex color **377E4A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7E376B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6CB37B**, and **004C1D** is the 20% darker color. If you saturate the color by 10%, you get **2A7E41**, and if you desaturate by 10%, it is **447E53**.

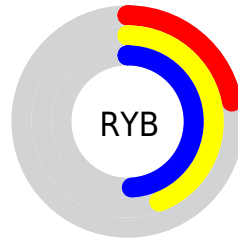
Distribution



Red (22%)

Green (49%)

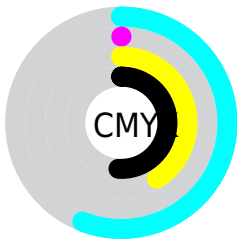
Blue (29%)



Red (22%)

Yellow (44%)

Blue (49%)

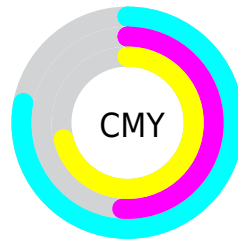


Cyan (56%)

Magenta (0%)

Yellow (41%)

Black (51%)



Cyan (78%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 377E4A 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 377E4A by changing the saturation by 10% instead.



377E4A



377E4A

FFFFFF



1A6533



6CB37B



004C1D



87CF95



003506



A2ECB0



002100



BEFFCC



000000



DBFFE8



F8FFFF



377E4A



377E4A



2A7E41



447E53

■ 1E7E38

■ 507E5C

■ 117E2E

■ 5D7E66

■ 057E25

■ 697E6F

■ 007E22

■ 767E78

■ 837E81

■ 8F7E8B

■ 9C7E94

■ A87E9D

Harmonies

Analogous

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



647830



377E4A



00816C

Triad

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



377E4A



1F75B5



AF5552

Complementary

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



377E4A



7E376B

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.



AD5274



377E4A



6E68AD

Square

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



377E4A



007DAA



985A95



A06136

Rectangle

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



377E4A



008184



985A95



B0535D

Sweetspot

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



377E4A



87A38F



6B7E37



415246



D1D1D1



525252

Same Dimension

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



377E4A



34A352



377E6D



39403B



008022



000000

Inverse Universe

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



7E376B



A33486



7E3748



40393E



80005D



000000

Previews

White Background



This preview shows how the Hex color 377E4A looks on a white background.

Color Contrast Check

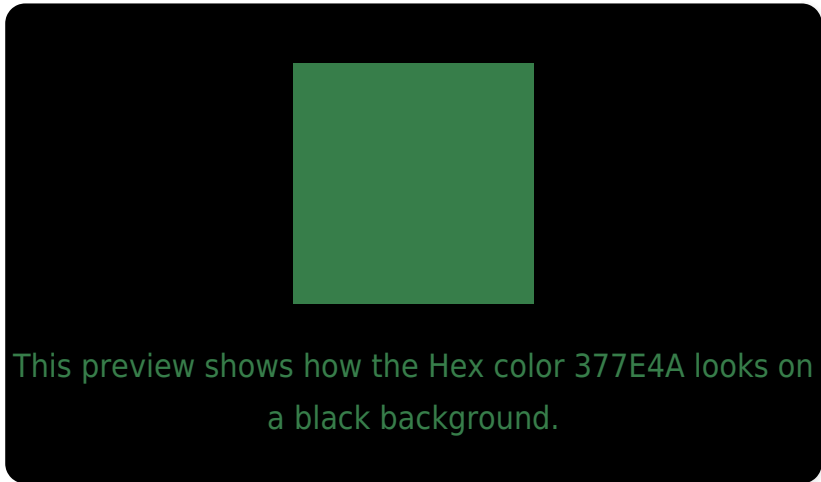
Large Text (above 18pt) WCAG AA ✓ Pass

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 377E4A Background



This preview shows how black text looks on a background with the Hex color 377E4A.



This preview shows how white text looks on a background with the Hex color 377E4A.

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
377E4A

Protanopia
7A7044

Deuteranopia
856B4E



Tritanopia
467881

Trichromacy



Original Color
377E4A

Protanomaly
627546

Deuteranomaly
69724D

Tritanomaly
417A6D

Monochromacy



Original Color
377E4A

Achromatopsia
636363

Achromatomaly
536D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 377E4A 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 #377E4A looks like.

```
.text, #text, p{  
  color:#377E4A  
}
```

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 #377E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #377E4A
}
```

Border

The CSS property to change the border of an element to Hex 377E4A 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
#377E4A }
```

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

```
.border{ border-color:#377E4A }
```

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

Here you see how a box with a 4 pixel #377E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #377E4A; -webkit-box-shadow:4px 4px  
4px 4px #377E4A; box-shadow:4px 4px 4px  
4px #377E4A }
```

Background

The CSS property to change the background color of an element to Hex 377E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#377E4A }
```

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

```
.background{ background-color:#377E4A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor