

Converting Colors

Hex(47913E)

Have a look what the booklet for
Hex(47913E) contains.

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Color

Hex(47913E)

Conversions

Conversions Part 1

Format	Color
Hex	47913E
RGB	71, 145, 62
RGB Percent	28%, 57%, 24%
CMY	0.7216, 0.4314, 0.7569
CMYK	0.51, 0.00, 0.57, 0.43
HSL	113°, 40%, 41%
HSV	113°, 57%, 57%
XYZ	13.5934, 21.9382, 8.0755
YIQ	113.4120, -17.4610, -41.5010

Conversions

Conversions Part 2

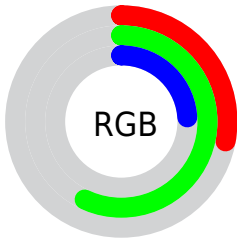
Format	Color
RYB	62, 145, 136
Decimal	4690238
CIELab	53.96, -40.08, 36.59
CIELCh	54, 54.273, 137.604
Yxy	21.9382, 0.3117, 0.5031
Android (android.graphics.Color)	4282880318 (0xFF47913E)
YUV	113.4120, -25.3461, -37.1953
Hunter-Lab	46.8382, -30.1625, 22.5644

Details

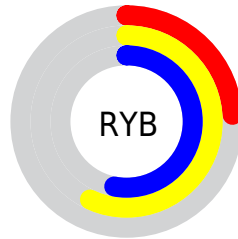
The Hex color **47913E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **883E91**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7DC870**, and **055E0B** is the 20% darker color. If you saturate the color by 10%, you get **3A912F**, and if you desaturate by 10%, it is **54914D**.

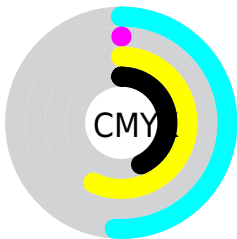
Distribution



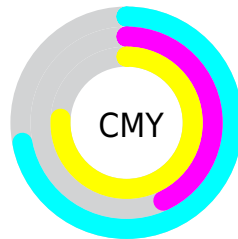
- Red (28%)
- Green (57%)
- Blue (24%)



- Red (24%)
- Yellow (57%)
- Blue (53%)



- Cyan (51%)
- Magenta (0%)
- Yellow (57%)
- Black (43%)



- Cyan (72%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47913E 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 47913E by changing the saturation by 10% instead.

 47913E

 47913E

FFFFFF

 2B7726

 7DC870

 055E0B

 99E48A

 004500

 B5FFA5

 002E00

 D1FFC0

 001600

 EEFFDD

 000000

 FFFFFA

 47913E

 47913E

 3A912F

 54914D

■ 2D9121

■ 61915B

■ 209113

■ 6E916A

■ 139104

■ 7B9178

■ 109100

■ 889187

■ 959195

■ A191A4

■ AE91B2

■ BB91C1

Harmonies

Analogous

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



7F871D



47913E



00966B

Triad

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



47913E



008CDC



D65667

Complementary

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



47913E



883E91

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.



CC5796



47913E



5C7DDB

Square

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



47913E



0094C5



A668C1



C8653D

Rectangle

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



47913E



00978C



A668C1



D65477

Sweetspot

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



47913E



A0BD9D



91873E



4E5E4B



DEDEDE



5E5E5E

Same Dimension

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



47913E



49BD3A



3E915E



414740



0F8700



010800

Inverse Universe

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



883E91



AF3ABD



913E71



474047



780087



070008

Previews

White Background



This preview shows how the Hex color 47913E looks on a white background.

Color Contrast Check

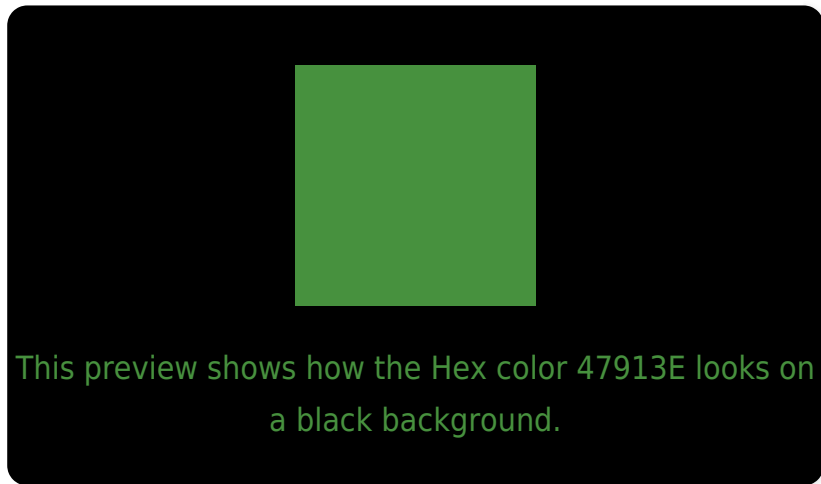
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

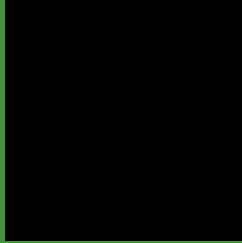
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 47913E Background



This preview shows how black text looks on a background with the Hex color 47913E.



This preview shows how white text looks on a background with the Hex color 47913E.

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](#).

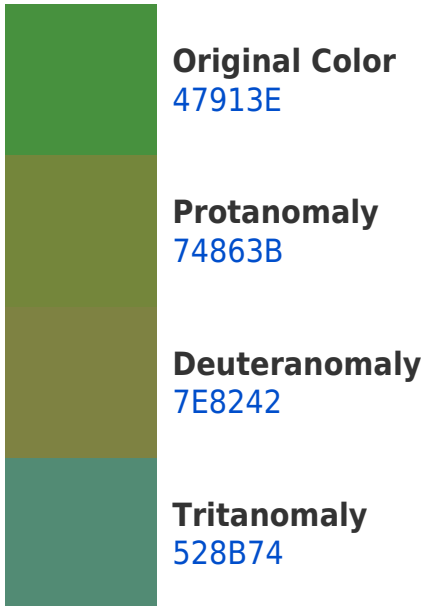
Dichromacy



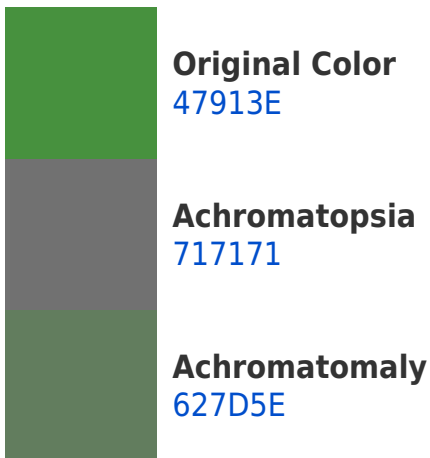


Tritanopia
588893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47913E 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 #47913E looks like.

```
.text, #text, p{  
    color:#47913E  
}
```

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 #47913E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47913E
}
```

Border

The CSS property to change the border of an element to Hex 47913E 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
#47913E }
```

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

```
.border{ border-color:#47913E }
```

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

Here you see how a box with a 4 pixel #47913E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47913E; -webkit-box-shadow:4px 4px  
4px 4px #47913E; box-shadow:4px 4px 4px  
4px #47913E }
```

Background

The CSS property to change the background color of an element to Hex 47913E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47913E }
```

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

```
.background{ background-color:#47913E }
```

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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