

Converting Colors

Hex(38872E)

Have a look what the booklet for
Hex(38872E) contains.

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Color

Hex(38872E)

Conversions

Conversions Part 1

Format	Color
Hex	38872E
RGB	56, 135, 46
RGB Percent	22%, 53%, 18%
CMY	0.7804, 0.4706, 0.8196
CMYK	0.59, 0.00, 0.66, 0.47
HSL	113°, 49%, 35%
HSV	113°, 66%, 53%
XYZ	10.7880, 18.3660, 5.5612
YIQ	101.2330, -18.5150, -44.4270

Conversions

Conversions Part 2

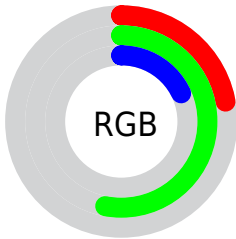
Format	Color
RYB	46, 135, 125
Decimal	3704622
CIELab	49.94, -42.12, 39.48
CIELCh	50, 57.733, 136.856
Yxy	18.3660, 0.3108, 0.5290
Android (android.graphics.Color)	4281894702 (0xFF38872E)
YUV	101.2330, -27.2299, -39.6693
Hunter-Lab	42.8555, -30.0634, 22.3051

Details

The Hex color **38872E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7D2E87**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6FBD60**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **2C8721**, and if you desaturate by 10%, it is **44873C**.

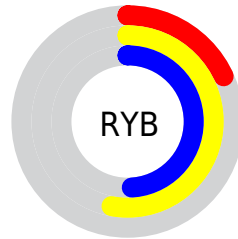
Distribution



Red (22%)

Green (53%)

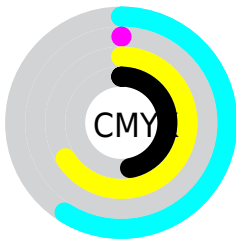
Blue (18%)



Red (18%)

Yellow (53%)

Blue (49%)

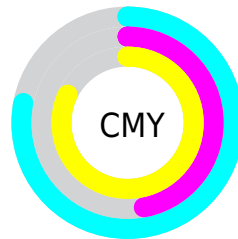


Cyan (59%)

Magenta (0%)

Yellow (66%)

Black (47%)



Cyan (78%)

Magenta (47%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38872E 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 38872E by changing the saturation by 10% instead.

 38872E

 38872E

FFFFFF

 186D14

 6FBD60

 005400

 8BD97A

 003C00

 A7F694

 002800

 C3FFAF

 000000

 E0FFCB

 FDFFE8

 38872E

 38872E

 2C8721

 44873C

■ 208713

■ 508749

■ 148706

■ 5C8757

■ 0F8700

■ 688764

■ 748772

■ 80877F

■ 8C878D

■ 98879A

■ A487A8

Harmonies

Analogous

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



747D00



38872E



008C5F

Triad

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



38872E



0083D7



CE465D

Complementary

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



38872E



7D2E87

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.



C4488F



38872E



4773D5

Square

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



38872E



008BBE



9C5DBB



C05830

Rectangle

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



38872E



008D81



9C5DBB



CE446E

Sweetspot

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



38872E



91B08D



877D2E



465944



D9D9D9



595959

Same Dimension

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



38872E



35B025



2E8750



3C423C



0F8200



000300

Inverse Universe

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



7D2E87



A025B0



872E65



423C42



730082



020003

Previews

White Background



This preview shows how the Hex color 38872E looks on a white background.

Color Contrast Check

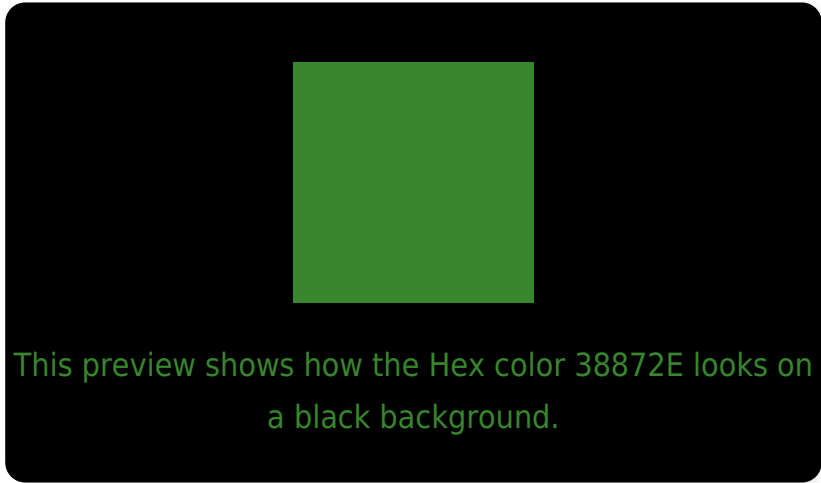
Large Text (above 18pt) WCAG AA ✓ Pass

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

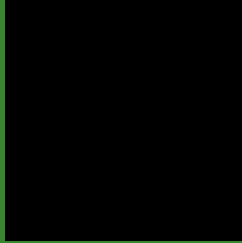
Any Text WCAG AA ✓ Pass

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 38872E Background



This preview shows how black text looks on a background with the Hex color 38872E.



This preview shows how white text looks on a background with the Hex color 38872E.

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
38872E

Protanopia
847629

Deuteranopia
927035



Tritanopia
4C7E88

Trichromacy



Original Color
38872E

Protanomaly
687C2B

Deuteranomaly
717832

Tritanomaly
458167

Monochromacy



Original Color
38872E

Achromatopsia
656565

Achromatomaly
557151

CSS Examples

Text

The CSS property to change the color of the text to Hex 38872E 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 #38872E looks like.

```
.text, #text, p{  
    color:#38872E  
}
```

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 #38872E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38872E
}
```

Border

The CSS property to change the border of an element to Hex 38872E 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
#38872E }
```

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

```
.border{ border-color:#38872E }
```

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

Here you see how a box with a 4 pixel #38872E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38872E; -webkit-box-shadow:4px 4px  
4px 4px #38872E; box-shadow:4px 4px 4px  
4px #38872E }
```

Background

The CSS property to change the background color of an element to Hex 38872E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38872E }
```

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

```
.background{ background-color:#38872E }
```

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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