

Converting Colors

Hex(37823C)

Have a look what the booklet for
Hex(37823C) contains.

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Color

Hex(37823C)

Conversions

Conversions Part 1

Format	Color
Hex	37823C
RGB	55, 130, 60
RGB Percent	22%, 51%, 24%
CMY	0.7843, 0.4902, 0.7647
CMYK	0.58, 0.00, 0.54, 0.49
HSL	124°, 41%, 36%
HSV	124°, 58%, 51%
XYZ	10.3738, 17.1037, 7.0296
YIQ	99.5950, -22.2300, -37.6700

Conversions

Conversions Part 2

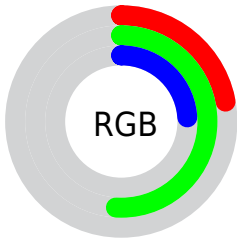
Format	Color
RYB	55, 125, 130
Decimal	3637820
CIELab	48.39, -38.60, 30.79
CIELCh	48, 49.371, 141.424
Yxy	17.1037, 0.3006, 0.4957
Android (android.graphics.Color)	4281827900 (0xFF37823C)
YUV	99.5950, -19.5203, -39.1098
Hunter-Lab	41.3567, -27.5997, 18.8719

Details

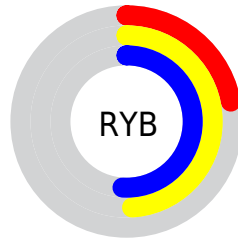
The Hex color **37823C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **82377D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6DB86D**, and **00500D** is the 20% darker color. If you saturate the color by 10%, you get **2A8230**, and if you desaturate by 10%, it is **448248**.

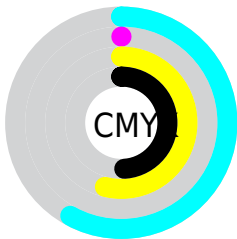
Distribution



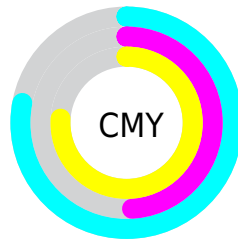
- Red (22%)
- Green (51%)
- Blue (24%)



- Red (22%)
- Yellow (49%)
- Blue (51%)



- Cyan (58%)
- Magenta (0%)
- Yellow (54%)
- Black (49%)



- Cyan (78%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37823C 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 37823C by changing the saturation by 10% instead.



37823C



37823C

FFFFFF



196825



6DB86D



00500D



88D487



003800



A4F0A1



002400



C0FFBD



000000



DCFFD9



FAFFF5



37823C



37823C



2A8230



448248

■ 1D8224

■ 518254

■ 108218

■ 5E8260

■ 03820B

■ 6B826D

■ 008209

■ 788279

■ 858285

■ 928291

■ 9F829D

■ AC82A9

Harmonies

Analogous

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



6C7A1D



37823C



008665

Triad

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



37823C



007BC5



BE4E57

Complementary

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



37823C



82377D

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.



B84D81



37823C



5E6DC1

Square

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



37823C



0084B3



9A5BA7



B05C32

Rectangle

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



37823C



008782



9A5BA7



BF4C65

Sweetspot

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



37823C



8CA88E



7D8237



435444



D4D4D4



545454

Same Dimension

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



37823C



34A83C



378261



39403A



008008



000000

Inverse Universe

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



82377D



A834A1



823758



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 37823C looks on a white background.

Color Contrast Check

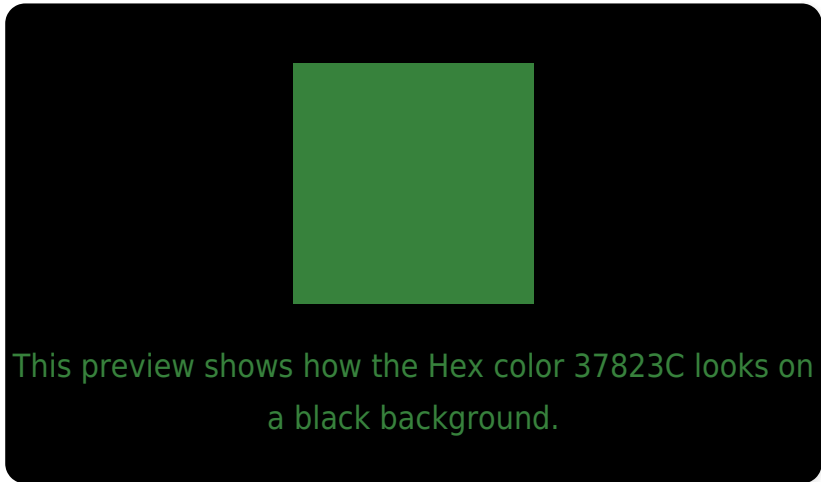
Large Text (above 18pt) WCAG AA ✓ Pass

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 37823C Background



This preview shows how black text looks on a background with the Hex color 37823C.



This preview shows how white text looks on a background with the Hex color 37823C.

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
37823C

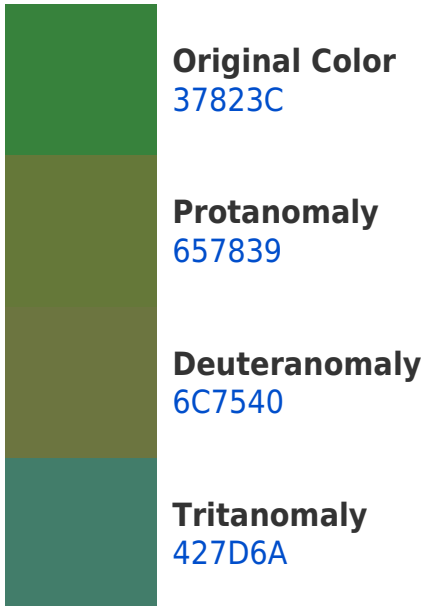
Protanopia
7F7237

Deuteranopia
8B6D42



Tritanopia
487A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37823C 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 #37823C looks like.

```
.text, #text, p{  
  color:#37823C  
}
```

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 #37823C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37823C
}
```

Border

The CSS property to change the border of an element to Hex 37823C 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
#37823C }
```

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

```
.border{ border-color:#37823C }
```

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

Here you see how a box with a 4 pixel #37823C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37823C; -webkit-box-shadow:4px 4px  
4px 4px #37823C; box-shadow:4px 4px 4px  
4px #37823C }
```

Background

The CSS property to change the background color of an element to Hex 37823C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37823C }
```

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

```
.background{ background-color:#37823C }
```

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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