

Converting Colors

Hex(38835C)

Have a look what the booklet for
Hex(38835C) contains.

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Color

Hex(38835C)

Conversions

Conversions Part 1

Format	Color
Hex	38835C
RGB	56, 131, 92
RGB Percent	22%, 51%, 36%
CMY	0.7804, 0.4863, 0.6392
CMYK	0.57, 0.00, 0.30, 0.49
HSL	149°, 40%, 37%
HSV	149°, 57%, 51%
XYZ	11.6790, 17.8461, 12.9543
YIQ	104.1290, -32.1810, -28.0290

Conversions

Conversions Part 2

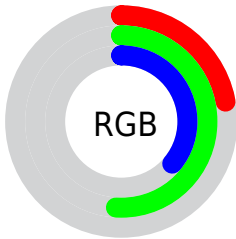
Format	Color
RYB	56, 107, 131
Decimal	3703644
CIELab	49.31, -32.93, 14.23
CIELCh	49, 35.873, 156.621
Yxy	17.8461, 0.2749, 0.4201
Android (android.graphics.Color)	4281893724 (0xFF38835C)
YUV	104.1290, -5.9796, -42.2091
Hunter-Lab	42.2446, -24.5799, 11.3899

Details

The Hex color **38835C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **83385F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6DB98E**, and **00512E** is the 20% darker color. If you saturate the color by 10%, you get **2B8355**, and if you desaturate by 10%, it is **458363**.

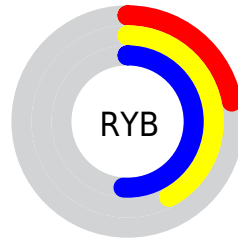
Distribution



Red (22%)

Green (51%)

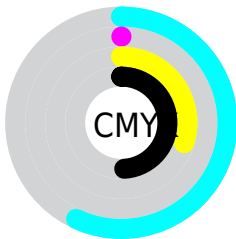
Blue (36%)



Red (22%)

Yellow (42%)

Blue (51%)

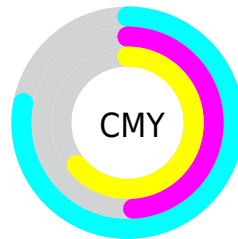


Cyan (57%)

Magenta (0%)

Yellow (30%)

Black (49%)



Cyan (78%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38835C 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 38835C by changing the saturation by 10% instead.

 38835C

 38835C

FFFFFF

 1B6944

 6DB98E

 00512E

 88D5A9

 003919

 A4F1C4

 002400

 C0FFE0

 000000

 D0FFFD

 FAFFFF

 38835C

 38835C

 2B8355


 458363

 1E834E

 52836A

 118348

 5F8370

 048341

 6C8377

 00833F

 7A837E

 878385

 94838C

 A18392

 AE8399

Harmonies

Analogous

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



617E43



38835C



00857B

Triad

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



38835C



4F76B1



AC6152

Complementary

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



38835C



83385F

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.



AE5C70



38835C



816BA6

Square

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



38835C



007FAC



A0608E



9B6B3D

Rectangle

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



38835C



00848F



A0608E



AE5E5C

Sweetspot

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



38835C



8EAB9C



608338



45574E



D6D6D6



575757

Same Dimension

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



38835C



35AB6E



388381



3C423F



00823E



000301

Inverse Universe

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



83385F



AB3572



83383B



423C3F



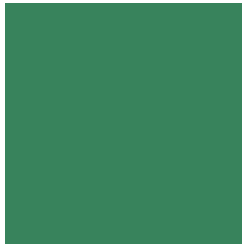
820044



030001

Previews

White Background



This preview shows how the Hex color 38835C looks on a white background.

Color Contrast Check

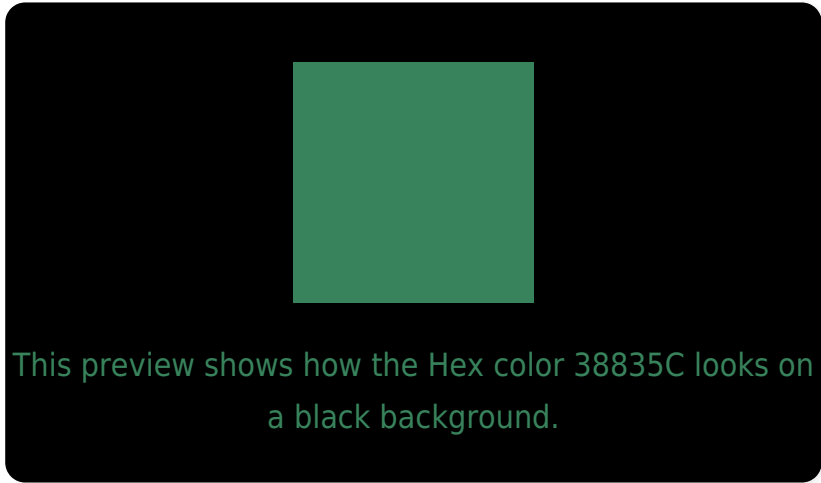
Large Text (above 18pt) WCAG AA ✓ Pass

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

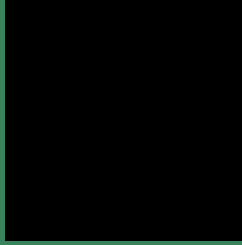
Any Text WCAG AA ✓ Pass

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 38835C Background



This preview shows how black text looks on a background with the Hex color 38835C.



This preview shows how white text looks on a background with the Hex color 38835C.

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
38835C

Protanopia
7D7455

Deuteranopia
877060



Tritanopia
457D88

Trichromacy



Original Color
38835C

Protanomaly
647958

Deuteranomaly
6A775F

Tritanomaly
407F78

Monochromacy



Original Color
38835C

Achromatopsia
686868

Achromatomaly
577264

CSS Examples

Text

The CSS property to change the color of the text to Hex 38835C 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 #38835C looks like.

```
.text, #text, p{  
    color:#38835C  
}
```

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 #38835C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38835C
}
```

Border

The CSS property to change the border of an element to Hex 38835C 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
#38835C }
```

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

```
.border{ border-color:#38835C }
```

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

Here you see how a box with a 4 pixel #38835C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38835C; -webkit-box-shadow:4px 4px  
4px 4px #38835C; box-shadow:4px 4px 4px  
4px #38835C }
```

Background

The CSS property to change the background color of an element to Hex 38835C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38835C }
```

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

```
.background{ background-color:#38835C }
```

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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