

Converting Colors

Hex(3C8459)

Have a look what the booklet for
Hex(3C8459) contains.

Hex(3C8459)	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(3C8459)

Conversions

Conversions Part 1

Format	Color
Hex	3C8459
RGB	60, 132, 89
RGB Percent	24%, 52%, 35%
CMY	0.7647, 0.4824, 0.6510
CMYK	0.55, 0.00, 0.33, 0.48
HSL	144°, 38%, 38%
HSV	144°, 55%, 52%
XYZ	11.9179, 18.1845, 12.3330
YIQ	105.5700, -29.1090, -28.6370

Conversions

Conversions Part 2

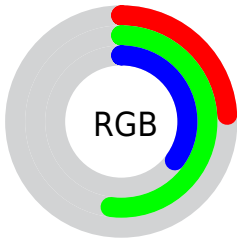
Format	Color
R _{YB}	60, 111, 132
Decimal	3966041
CIE Lab	49.72, -33.01, 16.54
CIE LCh	50, 36.924, 153.387
Yxy	18.1845, 0.2808, 0.4285
Android (android.graphics.Color)	4282156121 (0xFF3C8459)
YUV	105.5700, -8.1690, -39.9649
Hunter-Lab	42.6432, -24.7386, 12.7028




Details

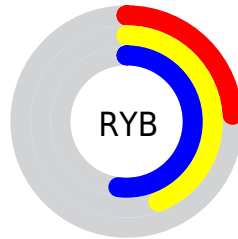
The Hex color **3C8459** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **843C67**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **71BA8B**, and **00522B** is the 20% darker color. If you saturate the color by 10%, you get **2F8451**, and if you desaturate by 10%, it is **498461**.

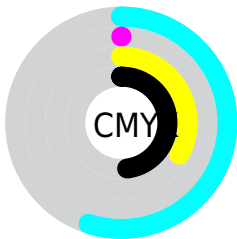
Distribution







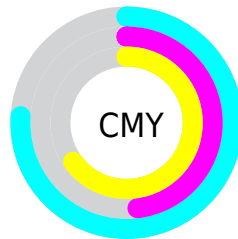
-  Red (24%)
-  Green (52%)
-  Blue (35%)






-  Red (24%)
-  Yellow (44%)
-  Blue (52%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (33%)
-  Black (48%)



-  Cyan (76%)
-  Magenta (48%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8459 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 3C8459 by changing the saturation by 10% instead.



3C8459



3C8459

FFFFFF



206A41



71BA8B



00522B



8CD6A6



003A16



A7F2C1



002500



C3FFDD



000000



E0FFF9

FDFFFF



3C8459



3C8459



2F8451



498461

■ 228449

■ 568469

■ 148441

■ 648471

■ 078439

■ 718479

■ 008435

■ 7E8480

■ 8B8488

■ 988490

■ A68498

■ B384A0

Harmonies

Analogous

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



657E40



3C8459



008679

Triad

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



3C8459



4778B5



AF6055

Complementary

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



3C8459



843C67

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.



B05C74



3C8459



7D6DAB

Square

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



3C8459



0081AE



A06193



A06A3E

Rectangle

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



3C8459



00868E



A06193



B15E5F

Sweetspot

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



3C8459



90AB9B



67843C



46574D



D6D6D6



575757

Same Dimension

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



3C8459



3CAB69



3C847D



3C423E



008234



000301

Inverse Universe

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



843C67



AB3C7E



843C43



423C40



82004E



030002

Previews

White Background



This preview shows how the Hex color 3C8459 looks on a white background.

Color Contrast Check

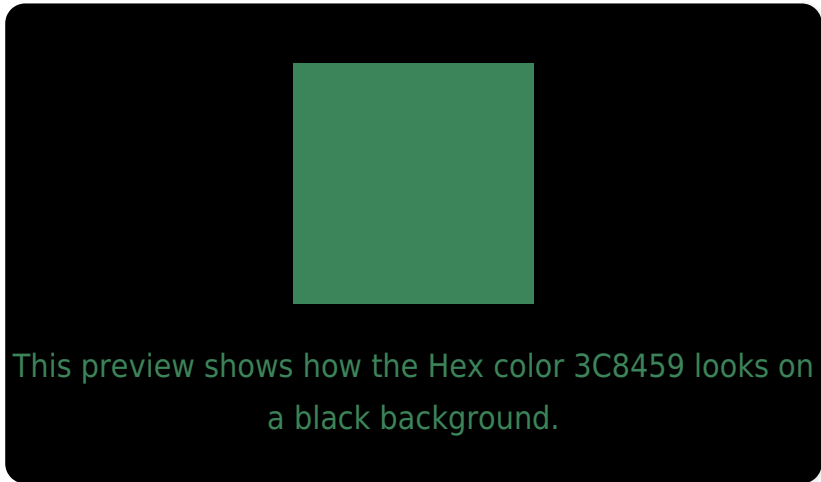
Large Text (above 18pt) WCAG AA ✓ Pass

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

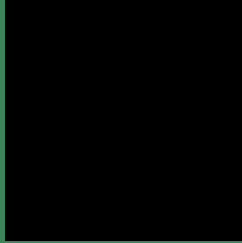
Any Text WCAG AA ✓ Pass

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 3C8459 Background



This preview shows how black text looks on a background with the Hex color 3C8459.



This preview shows how white text looks on a background with the Hex color 3C8459.

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
497E88

Trichromacy



Original Color
3C8459

Protanomaly
677A55

Deuteranomaly
6D785C

Tritanomaly
448077

Monochromacy



Original Color
3C8459

Achromatopsia
6A6A6A

Achromatomaly
597364

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8459 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 #3C8459 looks like.

```
.text, #text, p{  
    color:#3C8459  
}
```

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 #3C8459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8459
}
```

Border

The CSS property to change the border of an element to Hex 3C8459 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
#3C8459 }
```

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

```
.border{ border-color:#3C8459 }
```

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

Here you see how a box with a 4 pixel #3C8459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8459; -webkit-box-shadow:4px 4px  
4px 4px #3C8459; box-shadow:4px 4px 4px  
4px #3C8459 }
```

Background

The CSS property to change the background color of an element to Hex 3C8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8459 }
```

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

```
.background{ background-color:#3C8459 }
```

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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