

Converting Colors

Hex(3A8575)

Have a look what the booklet for
Hex(3A8575) contains.

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Color

Hex(3A8575)

Conversions

Conversions Part 1

Format	Color
Hex	3A8575
RGB	58, 133, 117
RGB Percent	23%, 52%, 46%
CMY	0.7725, 0.4784, 0.5412
CMYK	0.56, 0.00, 0.12, 0.48
HSL	167°, 39%, 37%
HSV	167°, 56%, 52%
XYZ	13.3433, 18.9590, 19.7858
YIQ	108.7510, -39.5640, -20.8760

Conversions

Conversions Part 2

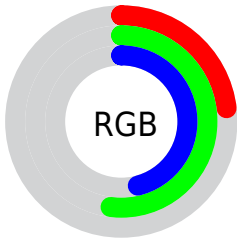
Format	Color
RYB	58, 100, 133
Decimal	3835253
CIELab	50.64, -27.37, 1.61
CIElCh	51, 27.422, 176.628
Yxy	18.9590, 0.2562, 0.3640
Android (android.graphics.Color)	4282025333 (0xFF3A8575)
YUV	108.7510, 4.0668, -44.5086
Hunter-Lab	43.5419, -21.4973, 3.5374

Details

The Hex color **3A8575** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **853A4A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **70BBA9**, and **005345** is the 20% darker color. If you saturate the color by 10%, you get **2D8572**, and if you desaturate by 10%, it is **478578**.

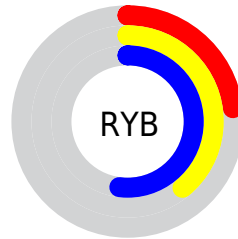
Distribution



Red (23%)

Green (52%)

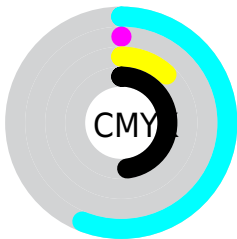
Blue (46%)



Red (23%)

Yellow (39%)

Blue (52%)

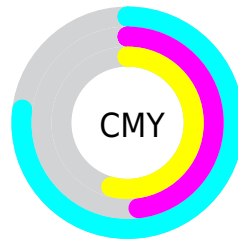


Cyan (56%)

Magenta (0%)

Yellow (12%)

Black (48%)



Cyan (77%)

Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8575 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 3A8575 by changing the saturation by 10% instead.



3A8575



3A8575

FFFFFF



1C6B5C



70BBA9



005345



8BD6C4



003B2F



A7F3E0



00251A



C3FFFD



000400



E0FFFF



000000

FDFFFF



3A8575



3A8575



2D8572



478578

■ 1F856F

■ 55857B

■ 12856C

■ 62857E

■ 05856A

■ 6F8580

■ 008569

■ 7D8583

■ 8A8586

■ 978589

■ A4858C

■ B2858F

Harmonies

Analogous

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



57835E



3A8575



22858D

Triad

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



3A8575



7873A2



9D6E52

Complementary

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



3A8575



853A4A

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.



A66865



3A8575



946B93

Square

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



3A8575



537CA7



A3677C



8B764A

Rectangle

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



3A8575



25839A



A3677C



A16C58

Sweetspot

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



3A8575



90ADA7



4A853A



455753



D6D6D6



575757

Same Dimension

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



3A8575



37AD94



3A7085



3C4241



008266



000302

Inverse Universe

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



853A4A



AD3751



854F3A



423C3D



82001C



030001

Previews

White Background



This preview shows how the Hex color 3A8575 looks on a white background.

Color Contrast Check

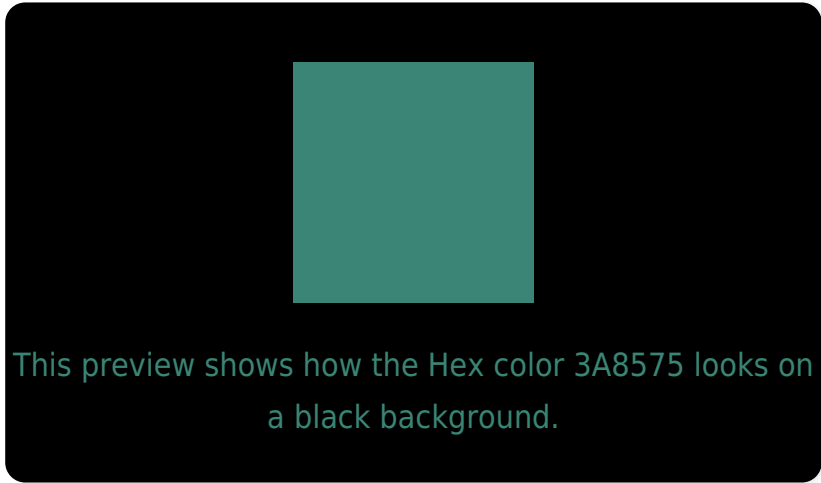
Large Text (above 18pt) WCAG AA ✓ Pass

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

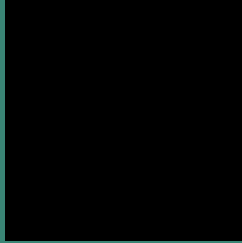
Any Text WCAG AA ✓ Pass

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 3A8575 Background



This preview shows how black text looks on a background with the Hex color 3A8575.

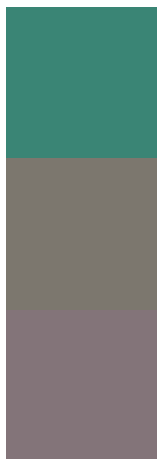


This preview shows how white text looks on a background with the Hex color 3A8575.

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
3A8575

Protanopia
7C776E

Deuteranopia
837479



Tritanopia
42828C

Trichromacy



Original Color
3A8575

Protanomaly
647C71

Deuteranomaly
687A78

Tritanomaly
3F8384

Monochromacy



Original Color
3A8575

Achromatopsia
6D6D6D

Achromatomaly
5A7670

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8575 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 #3A8575 looks like.

```
.text, #text, p{  
    color:#3A8575  
}
```

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 #3A8575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8575
}
```

Border

The CSS property to change the border of an element to Hex 3A8575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

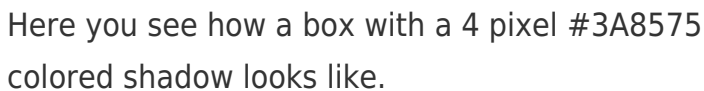
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A8575 }
```

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

```
.border{ border-color:#3A8575 }
```

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



Here you see how a box with a 4 pixel #3A8575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8575; -webkit-box-shadow:4px 4px  
4px 4px #3A8575; box-shadow:4px 4px 4px  
4px #3A8575 }
```

Background

The CSS property to change the background color of an element to Hex 3A8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8575 }
```

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

```
.background{ background-color:#3A8575 }
```

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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