

Converting Colors

Hex(38967A)

Have a look what the booklet for
Hex(38967A) contains.

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Color

Hex(38967A)

Conversions

Conversions Part 1

Format	Color
Hex	38967A
RGB	56, 150, 122
RGB Percent	22%, 59%, 48%
CMY	0.7804, 0.4118, 0.5216
CMYK	0.63, 0.00, 0.19, 0.41
HSL	162°, 46%, 40%
HSV	162°, 63%, 59%
XYZ	16.0501, 24.0586, 22.2102
YIQ	118.7020, -47.0360, -28.6360

Conversions

Conversions Part 2

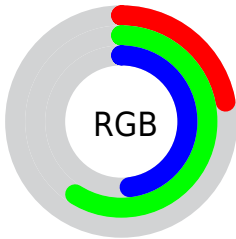
Format	Color
R _{YB}	56, 111, 150
Decimal	3708538
CIE Lab	56.15, -34.61, 6.66
CIE LCh	56, 35.246, 169.110
Yxy	24.0586, 0.2575, 0.3861
Android (android.graphics.Color)	4281898618 (0xFF38967A)
YUV	118.7020, 1.6259, -54.9897
Hunter-Lab	49.0496, -27.4276, 7.4875

Details

The Hex color **38967A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **963854**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **71CDAE**, and **006249** is the 20% darker color. If you saturate the color by 10%, you get **299676**, and if you desaturate by 10%, it is **47967E**.

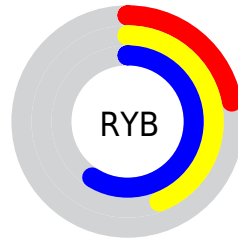
Distribution



Red (22%)

Green (59%)

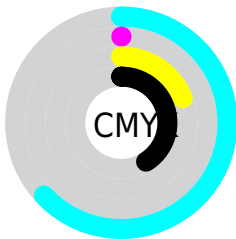
Blue (48%)



Red (22%)

Yellow (44%)

Blue (59%)

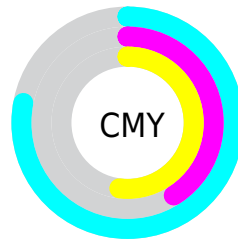


Cyan (63%)

Magenta (0%)

Yellow (19%)

Black (41%)



Cyan (78%)

Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38967A 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 38967A by changing the saturation by 10% instead.



38967A



38967A

FFFFFF



157C61



71CDAE



006249



8DE9CA



004A33



A9FFE6



00321E



C6FFFF



001E05



E3FFFF



000000



38967A



38967A



299676



47967E



1A9671



569683

■ 0B966D

■ 659687

■ 009669

■ 74968C

■ 839690

■ 929695

■ A19699

■ B0969E

■ BF96A2

Harmonies

Analogous

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



63925D



38967A



00979A

Triad

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



38967A



7983C0



B97659

Complementary

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



38967A



963854

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.



C26F74



38967A



A277AF

Square

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



38967A



408DC2



BB6F93



A4814A

Rectangle

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



38967A



0095AC



BB6F93



BE7361

Sweetspot

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



38967A



9DC2B7



549638



4B615A



E0E0E0



616161

Same Dimension

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



38967A



30C297



388396



434A48



008A61



000A07

Inverse Universe

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



963854



C2305C



964B38



4A4345



8A0029



0A0003

Previews

White Background



This preview shows how the Hex color 38967A looks on a white background.

Color Contrast Check

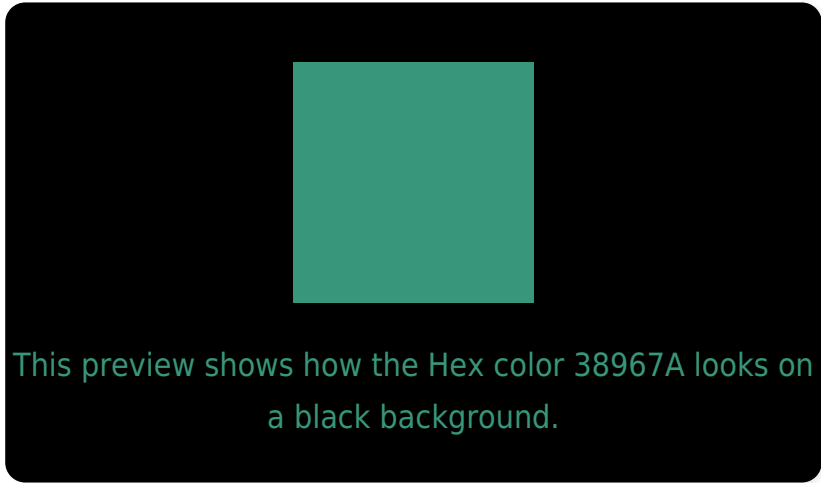
Large Text (above 18pt) WCAG AA ✓ Pass

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

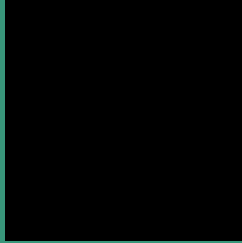
Any Text WCAG AA ✓ Pass

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 38967A Background



This preview shows how black text looks on a background with the Hex color 38967A.

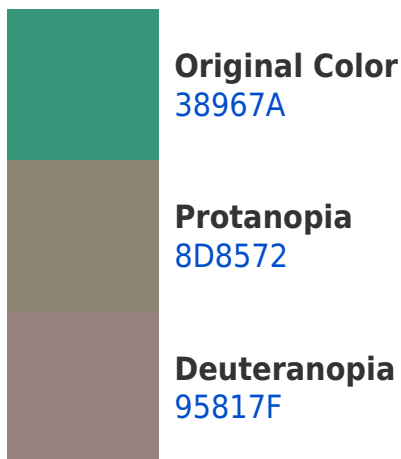



This preview shows how white text looks on a background with the Hex color 38967A.

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
45919D

Trichromacy



Original Color
38967A



Protanomaly
6E8B75



Deuteranomaly
73897D



Tritanomaly
409390

Monochromacy



Original Color
38967A



Achromatopsia
777777



Achromatomaly
608278

CSS Examples

Text

The CSS property to change the color of the text to Hex 38967A 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 #38967A looks like.

```
.text, #text, p{  
    color:#38967A  
}
```

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 #38967A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38967A
}
```

Border

The CSS property to change the border of an element to Hex 38967A 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
#38967A }
```

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

```
.border{ border-color:#38967A }
```

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

Here you see how a box with a 4 pixel #38967A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38967A; -webkit-box-shadow:4px 4px  
4px 4px #38967A; box-shadow:4px 4px 4px  
4px #38967A }
```

Background

The CSS property to change the background color of an element to Hex 38967A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38967A }
```

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

```
.background{ background-color:#38967A }
```

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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