

Converting Colors

Hex(3D8871)

Have a look what the booklet for
Hex(3D8871) contains.

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Color

Hex(3D8871)

Conversions

Conversions Part 1

Format	Color
Hex	3D8871
RGB	61, 136, 113
RGB Percent	24%, 53%, 44%
CMY	0.7608, 0.4667, 0.5569
CMYK	0.55, 0.00, 0.17, 0.47
HSL	162°, 38%, 39%
HSV	162°, 55%, 53%
XYZ	13.7093, 19.7927, 18.7206
YIQ	110.9530, -37.3170, -23.0530

Conversions

Conversions Part 2

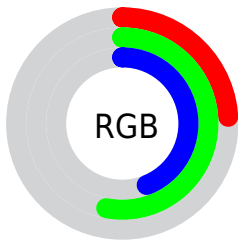
Format	Color
RYB	61, 105, 136
Decimal	4032625
CIELab	51.60, -29.17, 5.34
CIELCh	52, 29.656, 169.619
Yxy	19.7927, 0.2625, 0.3790
Android (android.graphics.Color)	4282222705 (0xFF3D8871)
YUV	110.9530, 1.0092, -43.8088
Hunter-Lab	44.4890, -22.8509, 6.1935

Details

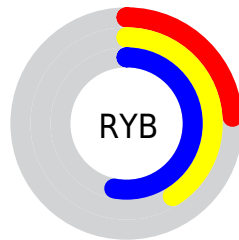
The Hex color **3D8871** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **883D54**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **73BEA5**, and **005641** is the 20% darker color. If you saturate the color by 10%, you get **2F886D**, and if you desaturate by 10%, it is **4B8875**.

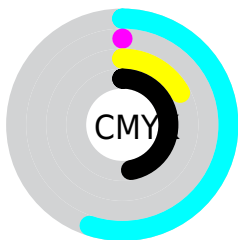
Distribution



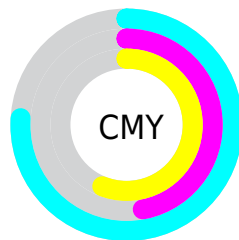
- Red (24%)
- Green (53%)
- Blue (44%)



- Red (24%)
- Yellow (41%)
- Blue (53%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (47%)



- Cyan (76%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D8871 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 3D8871 by changing the saturation by 10% instead.

■ 3D8871

■ 3D8871

FFFFFF

■ 206E59

■ 73BEA5

■ 005641

■ 8EDAC0

■ 003E2B

■ A9F6DC

■ 002817

■ C6FFF8

■ 000B00

■ E2FFFF

■ 000000

■ 3D8871

■ 3D8871

■ 2F886D

■ 4B8875

■ 228869

■ 588879


 148864

 66887E

 078860

 738882

 00885E

 818886

 8F888A

 9C888E

 AA8892

 B78897

Harmonies

Analogous

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



5E8559



3D8871



18888B

Triad

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



3D8871



7178AB



A56E55

Complementary

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



3D8871



883D54

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.



AD686B



3D8871



926E9C

Square

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



3D8871



4780AC



A76885



947649

Rectangle

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



3D8871



0E879B



A76885



A96B5C

Sweetspot

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



3D8871



92B0A7



55883D



475954



D9D9D9



595959

Same Dimension

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



3D8871



3CB08C



3D7A88



3E4543



00855C



000504

Inverse Universe

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



883D54



B03C5F



884B3D



453E40



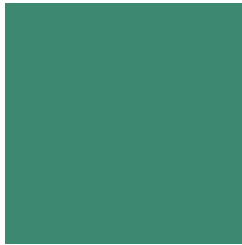
850029



050002

Previews

White Background



This preview shows how the Hex color 3D8871 looks on a white background.

Color Contrast Check

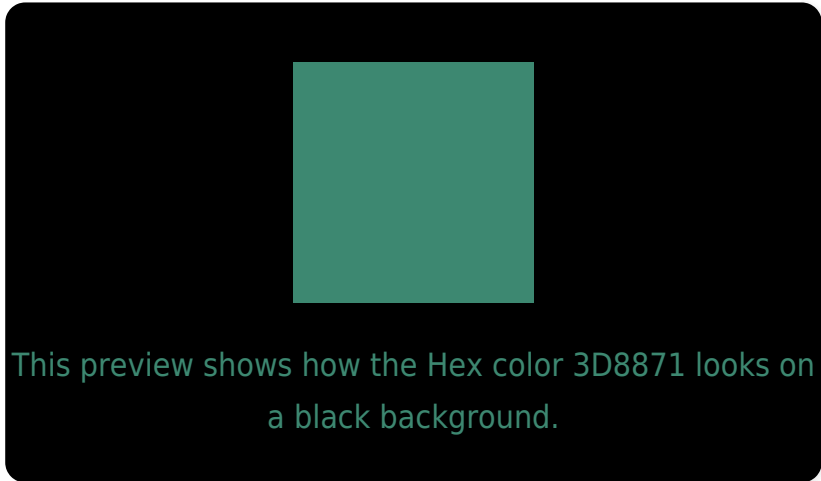
Large Text (above 18pt) WCAG AA ✓ Pass

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

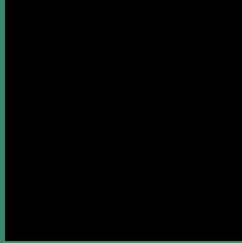
Any Text WCAG AA ✓ Pass

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 3D8871 Background



This preview shows how black text looks on a background with the Hex color 3D8871.

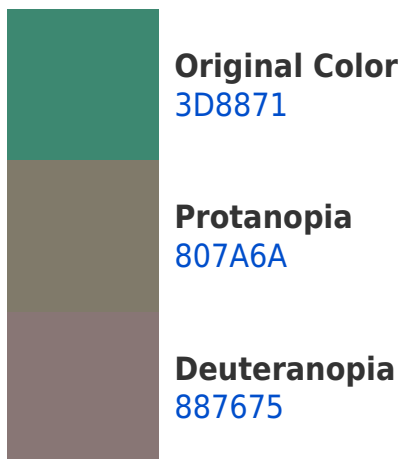



This preview shows how white text looks on a background with the Hex color 3D8871.

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
47848F

Trichromacy



Original Color
3D8871



Protanomaly
687F6D



Deuteranomaly
6D7D74



Tritanomaly
438584

Monochromacy



Original Color
3D8871



Achromatopsia
6F6F6F



Achromatomaly
5D7870

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8871 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 #3D8871 looks like.

```
.text, #text, p{  
    color:#3D8871  
}
```

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 #3D8871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8871
}
```

Border

The CSS property to change the border of an element to Hex 3D8871 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
#3D8871 }
```

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

```
.border{ border-color:#3D8871 }
```

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

Here you see how a box with a 4 pixel #3D8871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8871; -webkit-box-shadow:4px 4px  
4px 4px #3D8871; box-shadow:4px 4px 4px  
4px #3D8871 }
```

Background

The CSS property to change the background color of an element to Hex 3D8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8871 }
```

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

```
.background{ background-color:#3D8871 }
```

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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