

Converting Colors

Hex(228869)

Have a look what the booklet for
Hex(228869) contains.

Hex(228869)	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(228869)

Conversions

Conversions Part 1

Format	Color
Hex	228869
RGB	34, 136, 105
RGB Percent	13%, 53%, 41%
CMY	0.8667, 0.4667, 0.5882
CMYK	0.75, 0.00, 0.23, 0.47
HSL	162°, 60%, 33%
HSV	162°, 75%, 53%
XYZ	12.0136, 18.9683, 16.3927
YIQ	101.9680, -50.8410, -31.2650

Conversions

Conversions Part 2

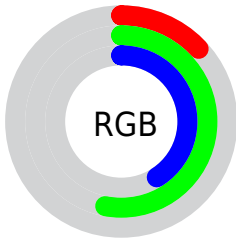
Format	Color
RYB	34, 94, 136
Decimal	2263145
CIELab	50.65, -36.36, 8.52
CIElCh	51, 37.342, 166.815
Yxy	18.9683, 0.2536, 0.4004
Android (android.graphics.Color)	4280453225 (0xFF228869)
YUV	101.9680, 1.4948, -59.6079
Hunter-Lab	43.5526, -26.9793, 8.1708

Details

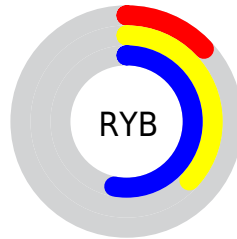
The Hex color **228869** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **882241**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FBE9C**, and **00553A** is the 20% darker color. If you saturate the color by 10%, you get **148865**, and if you desaturate by 10%, it is **30886D**.

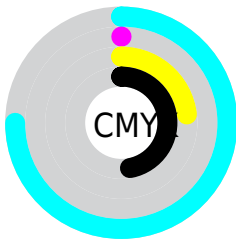
Distribution



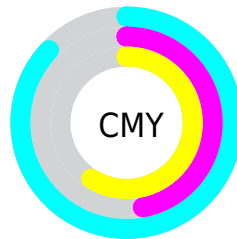
- Red (13%)
- Green (53%)
- Blue (41%)



- Red (13%)
- Yellow (37%)
- Blue (53%)



- Cyan (75%)
- Magenta (0%)
- Yellow (23%)
- Black (47%)



- Cyan (87%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228869 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 228869 by changing the saturation by 10% instead.

 228869

 228869

FFFFFF

 006E51

 5FBE9C

 00553A

 7BDAB7

 003D24

 97F7D3

 00280F

 B3FFE9

 000400

 D0FFFF

 000000

 EEEFFF

 228869

 228869

 148865

 30886D

■ 078861

■ 3D8871

■ 00885F

■ 4B8875

■ 58887A

■ 66887E

■ 748882

■ 818886

■ 8F888A

■ 9C888E

Harmonies

Analogous

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



56844C



228869



00898A

Triad

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



228869



6576B5



AD664B

Complementary

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



228869



882241

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.



B55F68



228869



9269A4

Square

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



228869



1580B6



AD6088



98723A

Rectangle

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



228869



00889E



AD6088



B16354

Sweetspot

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



228869



87B0A4



428822



405952



D9D9D9



595959

Same Dimension

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



228869



12B080



227588



3E4543



00855C



000504

Inverse Universe

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



882241



B01242



883522



453E40



850028



050002

Previews

White Background



This preview shows how the Hex color 228869 looks on a white background.

Color Contrast Check

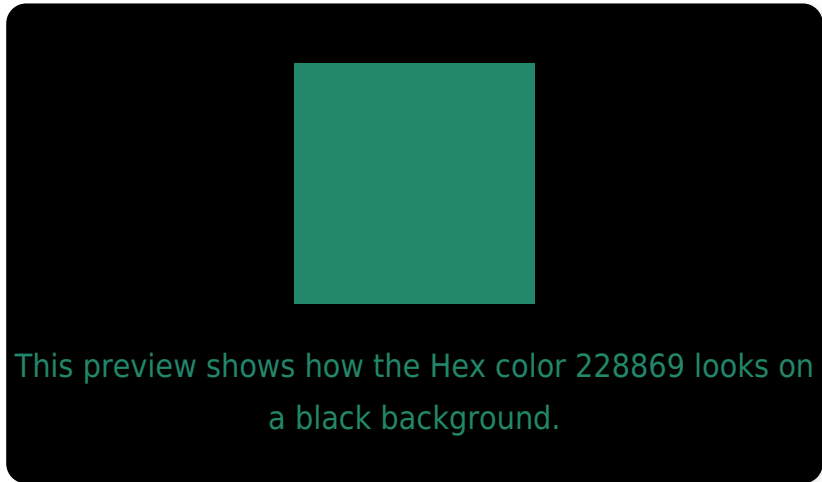
Large Text (above 18pt) WCAG AA ✓ Pass

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

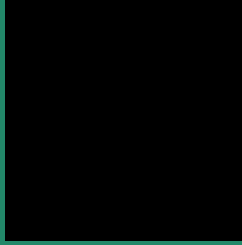
Any Text WCAG AA ✓ Pass

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 228869 Background



This preview shows how black text looks on a background with the Hex color 228869.



This preview shows how white text looks on a background with the Hex color 228869.

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
228869

Protanopia
7F7861

Deuteranopia
87746D



Tritanopia
35838E

Trichromacy



Original Color
228869



Protanomaly
5D7E64



Deuteranomaly
627B6C



Tritanomaly
2E8581

Monochromacy



Original Color
228869



Achromatopsia
666666



Achromatomaly
4D7267

CSS Examples

Text

The CSS property to change the color of the text to Hex 228869 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 #228869 looks like.

```
.text, #text, p{  
    color:#228869  
}
```

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 #228869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228869
}
```

Border

The CSS property to change the border of an element to Hex 228869 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
#228869 }
```

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

```
.border{ border-color:#228869 }
```

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

Here you see how a box with a 4 pixel #228869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228869; -webkit-box-shadow:4px 4px  
4px 4px #228869; box-shadow:4px 4px 4px  
4px #228869 }
```

Background

The CSS property to change the background color of an element to Hex 228869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228869 }
```

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

```
.background{ background-color:#228869 }
```

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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