

Converting Colors

Hex(248885)

Have a look what the booklet for
Hex(248885) contains.

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Color

Hex(248885)

Conversions

Conversions Part 1

Format	Color
Hex	248885
RGB	36, 136, 133
RGB Percent	14%, 53%, 52%
CMY	0.8588, 0.4667, 0.4784
CMYK	0.74, 0.00, 0.02, 0.47
HSL	178°, 58%, 34%
HSV	178°, 74%, 53%
XYZ	13.7654, 19.6768, 25.2628
YIQ	105.7580, -58.6370, -22.1330

Conversions

Conversions Part 2

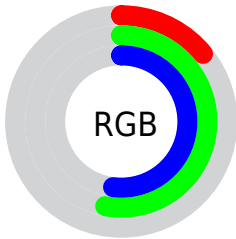
Format	Color
RYB	36, 87, 136
Decimal	2394245
CIELab	51.47, -28.24, -6.57
CIELCh	51, 28.997, 193.092
Yxy	19.6768, 0.2345, 0.3352
Android (android.graphics.Color)	4280584325 (0xFF248885)
YUV	105.7580, 13.4303, -61.1778
Hunter-Lab	44.3586, -22.2354, -2.7154

Details

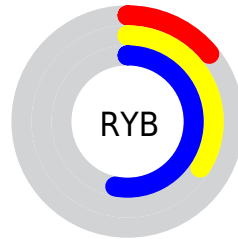
The Hex color **248885** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **882427**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **62BEBA**, and **005654** is the 20% darker color. If you saturate the color by 10%, you get **168885**, and if you desaturate by 10%, it is **328885**.

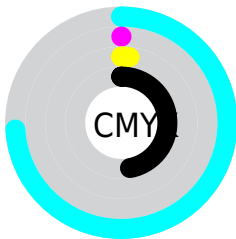
Distribution



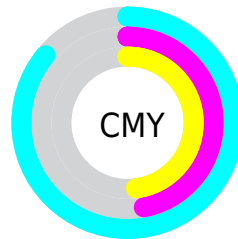
- Red (14%)
- Green (53%)
- Blue (52%)



- Red (14%)
- Yellow (34%)
- Blue (53%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (86%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248885 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 248885 by changing the saturation by 10% instead.

 248885

 248885

FFFFFF

 006E6C

 62BEBA

 005654

 7EDAD6

 003E3D

 9BF6F2

 002827

 B7FFFF

 000B13

 D5FFFF

 000000

 F2FFFF

 248885

 248885

 168885

 328885

098884

3F8886

008884

4D8886

5A8887

688887

768887

838888

918888

9E8889

Harmonies

Analogous

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



46876B



248885



18869C

Triad

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



248885



8B709F



97744B

Complementary

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



248885



882427

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.



A76C5A



248885



A2698A

Square

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



248885



6979AB



AB6871



807D4A

Rectangle

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



248885



3083A6



AB6871



9D714F

Sweetspot

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



248885



89B0AF



278824



425959



D9D9D9



595959

Same Dimension

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



248885



15B0AB



245988



3E4545



008581



000505

Inverse Universe

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



882427



B0151A



885324



453E3E



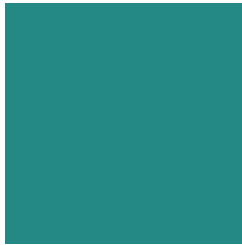
850004



050000

Previews

White Background



This preview shows how the Hex color 248885 looks on a white background.

Color Contrast Check

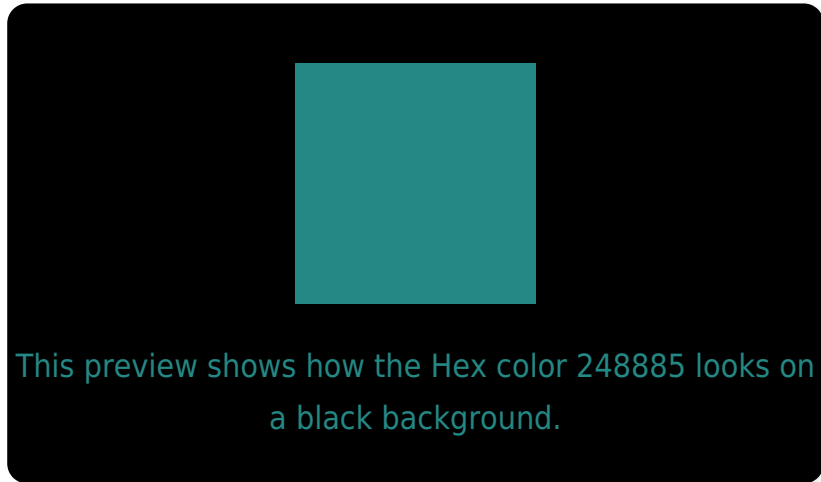
Large Text (above 18pt) WCAG AA ✓ Pass

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

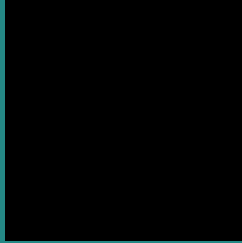
Any Text WCAG AA ✓ Pass

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 248885 Background



This preview shows how black text looks on a background with the Hex color 248885.

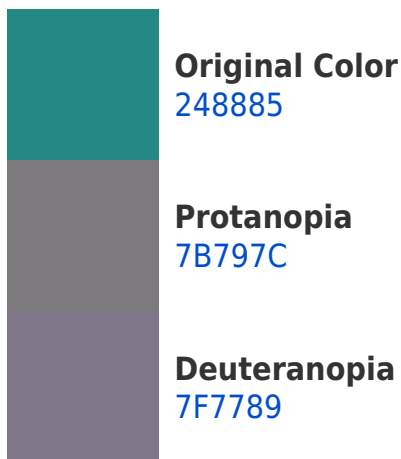


This preview shows how white text looks on a background with the Hex color 248885.

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
2C8691

Trichromacy



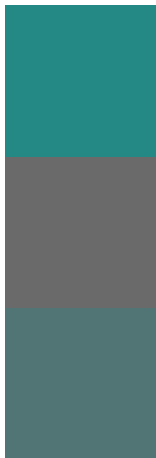
Original Color
248885

Protanomaly
5B7E7F

Deuteranomaly
5E7D88

Tritanomaly
29878D

Monochromacy



Original Color
248885

Achromatopsia
6A6A6A

Achromatomaly
517574

CSS Examples

Text

The CSS property to change the color of the text to Hex 248885 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 #248885 looks like.

```
.text, #text, p{  
    color:#248885  
}
```

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 #248885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248885  
}
```

Border

The CSS property to change the border of an element to Hex 248885 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  
#248885 }
```

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

```
.border{ border-color:#248885 }
```

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

Here you see how a box with a 4 pixel #248885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248885; -webkit-box-shadow:4px 4px  
4px 4px #248885; box-shadow:4px 4px 4px  
4px #248885 }
```

Background

The CSS property to change the background color of an element to Hex 248885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248885 }
```

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

```
.background{ background-color:#248885 }
```

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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