

Converting Colors

Hex(248887)

Have a look what the booklet for
Hex(248887) contains.

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Color

Hex(248887)

Conversions

Conversions Part 1

Format	Color
Hex	248887
RGB	36, 136, 135
RGB Percent	14%, 53%, 53%
CMY	0.8588, 0.4667, 0.4706
CMYK	0.74, 0.00, 0.01, 0.47
HSL	179°, 58%, 34%
HSV	179°, 74%, 53%
XYZ	13.9049, 19.7327, 25.9976
YIQ	105.9860, -59.2790, -21.5110

Conversions

Conversions Part 2

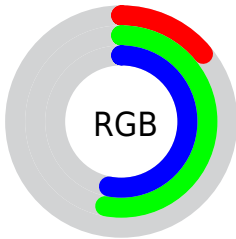
Format	Color
RYB	36, 86, 136
Decimal	2394247
CIELab	51.53, -27.63, -7.64
CIELCh	52, 28.670, 195.452
Yxy	19.7327, 0.2332, 0.3309
Android (android.graphics.Color)	4280584327 (0xFF248887)
YUV	105.9860, 14.3039, -61.3777
Hunter-Lab	44.4215, -21.8631, -3.6044

Details

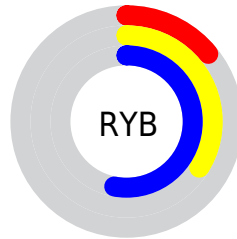
The Hex color **248887** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **882425**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **62BEBC**, and **005655** is the 20% darker color. If you saturate the color by 10%, you get **168887**, and if you desaturate by 10%, it is **328887**.

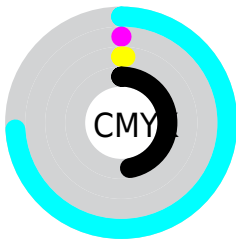
Distribution



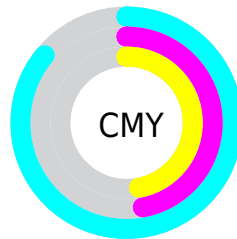
- Red (14%)
- Green (53%)
- Blue (53%)



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



- Cyan (74%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 248887 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 248887 by changing the saturation by 10% instead.

 248887

 248887

FFFFFF

 006E6E

 62BEBE

 005655

 7FDAD8

 003E3E

 9BF6F4

 002828

 B8FFFF

 000B15

 D5FFFF

 000000

 F2FFFF

 248887

 248887

 168887

 328887

■ 098887

■ 3F8887

■ 008887

■ 4D8887

■ 5A8888

■ 688888

■ 768888

■ 838888

■ 918888

■ 9E8888

Harmonies

Analogous

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



44876E



248887



1E869D

Triad

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



248887



8E709D



96754C

Complementary

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



248887



882425

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.



A66D59



248887



A36988

Square

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



248887



6C79AA



AB686F



7E7D4B

Rectangle

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



248887



3683A7



AB686F



9C724F

Sweetspot

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



248887



89B0B0



268824



425959



D9D9D9



595959

Same Dimension

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



248887



15B0AE



245888



3E4545



008583



000505

Inverse Universe

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



882425



B01517



885424



453E3E



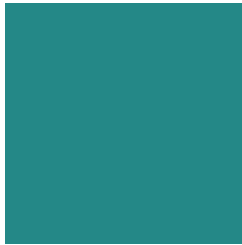
850001



050000

Previews

White Background



This preview shows how the Hex color 248887 looks on a white background.

Color Contrast Check

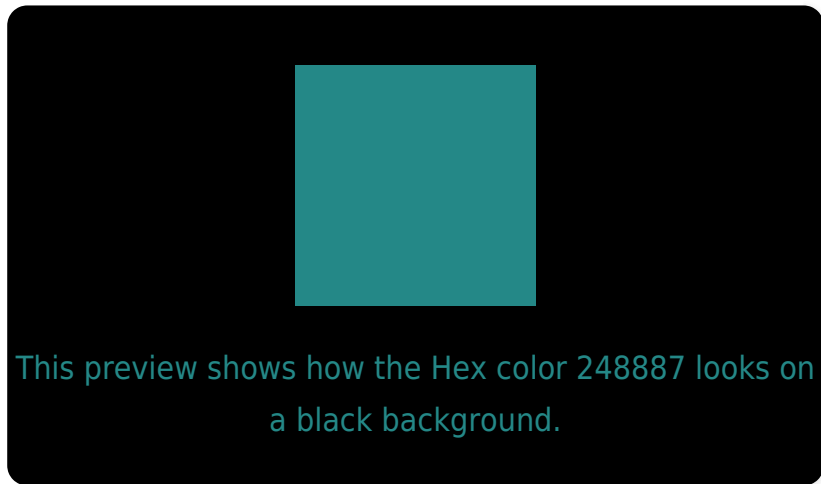
Large Text (above 18pt) WCAG AA ✓ Pass

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

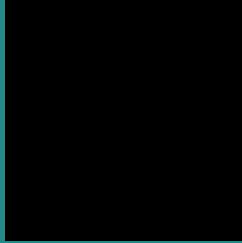
Any Text WCAG AA ✓ Pass

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 248887 Background



This preview shows how black text looks on a background with the Hex color 248887.

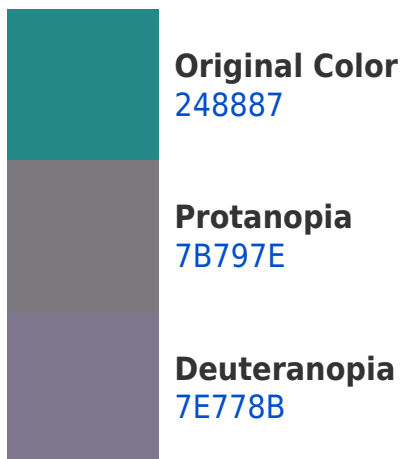


This preview shows how white text looks on a background with the Hex color 248887.

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
2B8691

Trichromacy



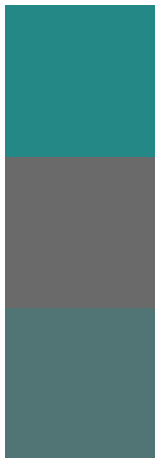
Original Color
248887

Protanomaly
5B7E81

Deuteranomaly
5D7D8A

Tritanomaly
28878D

Monochromacy



Original Color
248887

Achromatopsia
6A6A6A

Achromatomaly
517575

CSS Examples

Text

The CSS property to change the color of the text to Hex 248887 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 #248887 looks like.

```
.text, #text, p{  
    color:#248887  
}
```

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 #248887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248887
}
```

Border

The CSS property to change the border of an element to Hex 248887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

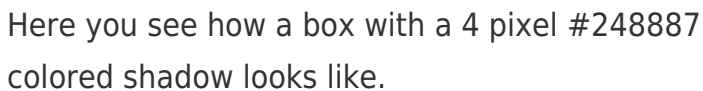
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#248887 }
```

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

```
.border{ border-color:#248887 }
```

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



Here you see how a box with a 4 pixel #248887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248887; -webkit-box-shadow:4px 4px  
4px 4px #248887; box-shadow:4px 4px 4px  
4px #248887 }
```

Background

The CSS property to change the background color of an element to Hex 248887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248887 }
```

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

```
.background{ background-color:#248887 }
```

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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