

Converting Colors

Hex(248681)

Have a look what the booklet for
Hex(248681) contains.

Hex(248681)	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(248681)

Conversions

Conversions Part 1

Format	Color
Hex	248681
RGB	36, 134, 129
RGB Percent	14%, 53%, 51%
CMY	0.8588, 0.4745, 0.4941
CMYK	0.73, 0.00, 0.04, 0.47
HSL	177°, 58%, 33%
HSV	177°, 73%, 53%
XYZ	13.2151, 19.0102, 23.7417
YIQ	104.1280, -56.8030, -22.3310

Conversions

Conversions Part 2

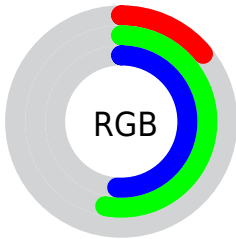
Format	Color
RYB	36, 86, 134
Decimal	2393729
CIELab	50.70, -28.47, -5.38
CIElCh	51, 28.972, 190.701
Yxy	19.0102, 0.2361, 0.3397
Android (android.graphics.Color)	4280583809 (0xFF248681)
YUV	104.1280, 12.2619, -59.7483
Hunter-Lab	43.6007, -22.1991, -1.7644

Details

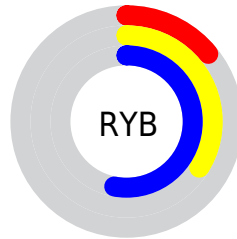
The Hex color **248681** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **862429**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **61BCB6**, and **005450** is the 20% darker color. If you saturate the color by 10%, you get **178680**, and if you desaturate by 10%, it is **318682**.

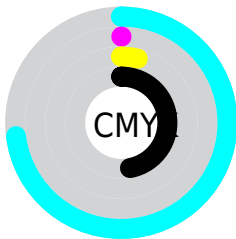
Distribution



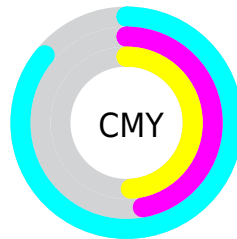
- Red (14%)
- Green (53%)
- Blue (51%)



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



- Cyan (73%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (86%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248681 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 248681 by changing the saturation by 10% instead.

 248681

 248681

FFFFFF

 006C68

 61BCB6

 005450

 7DD8D1

 003C39

 9AF4EE

 002624

 B6FFFF

 00050F

 D3FFFF

 000000

 F1FFFF

 248681

 248681

 178680

 318682

098680

3F8682

00867F

4C8683

5A8684

678684

748685

828686

8F8686

9D8687

Harmonies

Analogous

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



468568



248681



128498

Triad

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



248681



876F9E



97724A

Complementary

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



248681



862429

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.



A56A5A



248681



9F688A

Square

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



248681



6478A9



A96671



807A48

Rectangle

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



248681



2A82A3



A96671



9D6F4E

Sweetspot

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



248681



87ADAB



2B8624



405756



D6D6D6



575757

Same Dimension

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



248681



15ADA6



245C86



3C4242



00827B



000302

Inverse Universe

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



862429



AD151D



864E24



423C3C



820007



030000

Previews

White Background



This preview shows how the Hex color 248681 looks on a white background.

Color Contrast Check

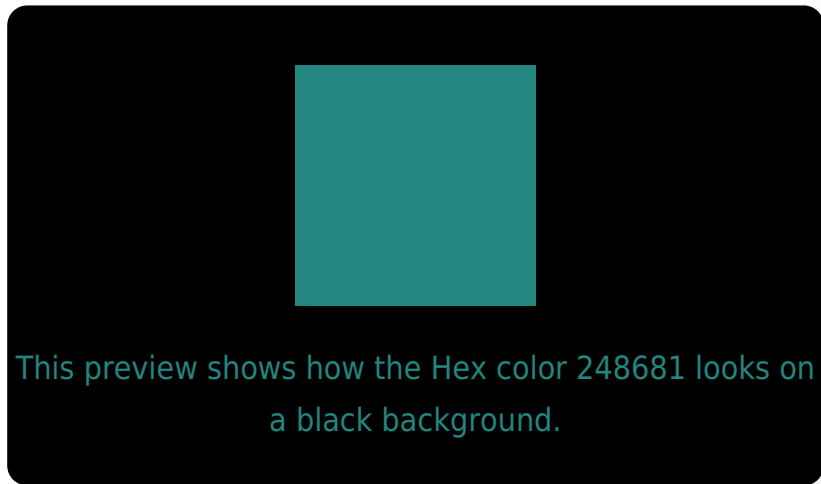
Large Text (above 18pt) WCAG AA ✓ Pass

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

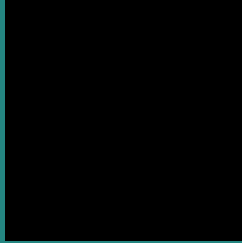
Any Text WCAG AA ✓ Pass

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 248681 Background



This preview shows how black text looks on a background with the Hex color 248681.

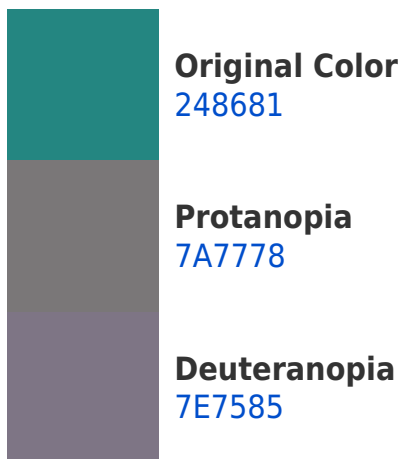


This preview shows how white text looks on a background with the Hex color 248681.

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
2D848F

Trichromacy



Original Color
248681

Protanomaly
5B7C7B

Deuteranomaly
5D7B84

Tritanomaly
2A858A

Monochromacy



Original Color
248681

Achromatopsia
686868

Achromatomaly
4F7371

CSS Examples

Text

The CSS property to change the color of the text to Hex 248681 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 #248681 looks like.

```
.text, #text, p{  
    color:#248681  
}
```

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 #248681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248681
}
```

Border

The CSS property to change the border of an element to Hex 248681 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
#248681 }
```

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

```
.border{ border-color:#248681 }
```

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

Here you see how a box with a 4 pixel #248681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248681; -webkit-box-shadow:4px 4px  
4px 4px #248681; box-shadow:4px 4px 4px  
4px #248681 }
```

Background

The CSS property to change the background color of an element to Hex 248681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248681 }
```

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

```
.background{ background-color:#248681 }
```

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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