

Converting Colors

Hex(2D8680)

Have a look what the booklet for
Hex(2D8680) contains.

Hex(2D8680)	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(2D8680)

Conversions

Conversions Part 1

Format	Color
Hex	2D8680
RGB	45, 134, 128
RGB Percent	18%, 53%, 50%
CMY	0.8235, 0.4745, 0.4980
CMYK	0.66, 0.00, 0.04, 0.47
HSL	176°, 50%, 35%
HSV	176°, 66%, 53%
XYZ	13.5036, 19.1666, 23.4099
YIQ	106.7050, -51.1180, -20.7340

Conversions

Conversions Part 2

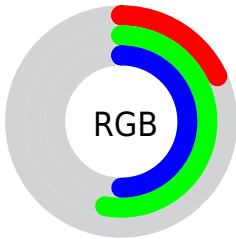
Format	Color
RYB	45, 91, 134
Decimal	2983552
CIELab	50.88, -27.38, -4.50
CIElCh	51, 27.751, 189.336
Yxy	19.1666, 0.2408, 0.3418
Android (android.graphics.Color)	4281173632 (0xFF2D8680)
YUV	106.7050, 10.4984, -54.1153
Hunter-Lab	43.7797, -21.5572, -1.0578

Details

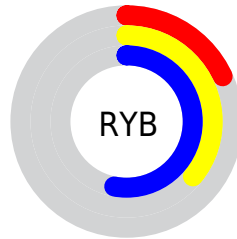
The Hex color **2D8680** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **862D33**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **67BCB5**, and **00544F** is the 20% darker color. If you saturate the color by 10%, you get **20867F**, and if you desaturate by 10%, it is **3A8681**.

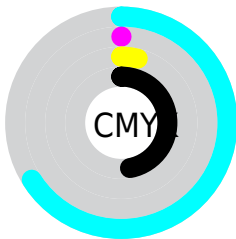
Distribution



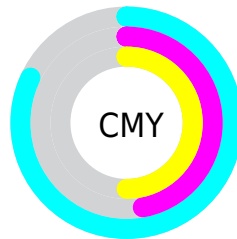
- Red (18%)
- Green (53%)
- Blue (50%)



- Red (18%)
- Yellow (36%)
- Blue (53%)



- Cyan (66%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8680 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 2D8680 by changing the saturation by 10% instead.

 2D8680

 2D8680

FFFFFF

 006C67

 67BCB5

 00544F

 83D8D0

 003C38

 9FF4EC

 002623

 BBFFFF

 00070E

 D8FFFF

 000000

 F6FFFF

 2D8680

 2D8680

 20867F

 3A8681

■ 12867E

■ 488682

■ 05867D

■ 558683

■ 00867D

■ 638684

■ 708685

■ 7D8685

■ 8B8686

■ 988687

■ A68688

Harmonies

Analogous

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



4B8568



2D8680



208596

Triad

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



2D8680



86709E



97724D

Complementary

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



2D8680



862D33

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.



A56B5C



2D8680



9D698A

Square

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



2D8680



6479A8



A76773



827A4A

Rectangle

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



2D8680



3082A1



A76773



9D6F51

Sweetspot

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



2D8680



8BADAB



34862D



425755



D6D6D6



575757

Same Dimension

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



2D8680



23ADA4



2D6186



3C4242



008279



000302

Inverse Universe

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



862D33



AD232C



86522D



423C3C



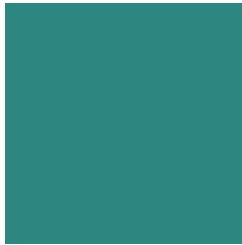
820009



030000

Previews

White Background



This preview shows how the Hex color 2D8680 looks on a white background.

Color Contrast Check

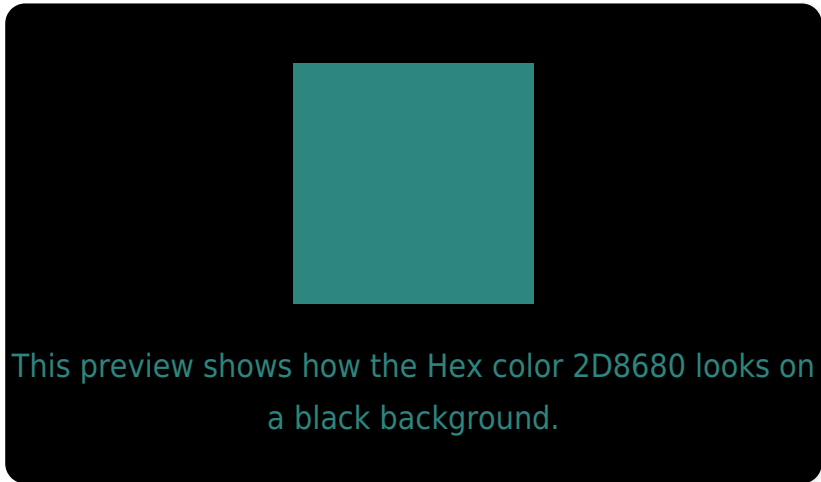
Large Text (above 18pt) WCAG AA ✓ Pass

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

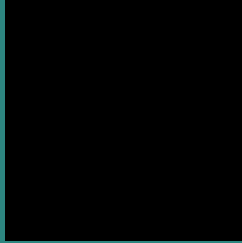
Any Text WCAG AA ✓ Pass

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 2D8680 Background



This preview shows how black text looks on a background with the Hex color 2D8680.

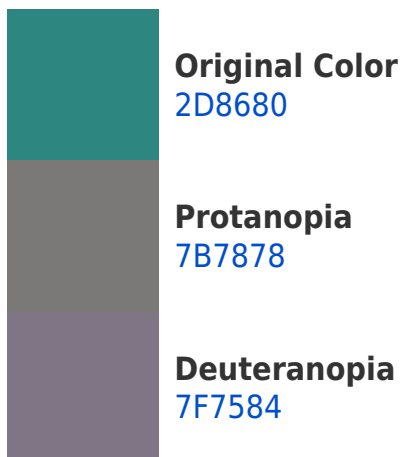


This preview shows how white text looks on a background with the Hex color 2D8680.

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
34848F

Trichromacy



Original Color
2D8680

Protanomaly
5F7D7B

Deuteranomaly
617B83

Tritanomaly
31858A

Monochromacy



Original Color
2D8680

Achromatopsia
6B6B6B

Achromatomaly
547573

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8680 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 #2D8680 looks like.

```
.text, #text, p{  
    color:#2D8680  
}
```

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 #2D8680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8680
}
```

Border

The CSS property to change the border of an element to Hex 2D8680 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
#2D8680 }
```

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

```
.border{ border-color:#2D8680 }
```

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

Here you see how a box with a 4 pixel #2D8680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8680; -webkit-box-shadow:4px 4px  
4px 4px #2D8680; box-shadow:4px 4px 4px  
4px #2D8680 }
```

Background

The CSS property to change the background color of an element to Hex 2D8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8680 }
```

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

```
.background{ background-color:#2D8680 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor