

Converting Colors

Hex(2D888B)

Have a look what the booklet for
Hex(2D888B) contains.

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Color

Hex(2D888B)

Conversions

Conversions Part 1

Format	Color
Hex	2D888B
RGB	45, 136, 139
RGB Percent	18%, 53%, 55%
CMY	0.8235, 0.4667, 0.4549
CMYK	0.68, 0.02, 0.00, 0.45
HSL	182°, 51%, 36%
HSV	182°, 68%, 55%
XYZ	14.5465, 20.0303, 27.5256
YIQ	109.1330, -55.1990, -18.3590

Conversions

Conversions Part 2

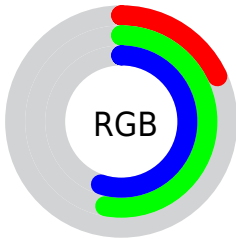
Format	Color
RYB	45, 91, 139
Decimal	2984075
CIELab	51.87, -25.10, -9.44
CIELCh	52, 26.815, 200.614
Yxy	20.0303, 0.2342, 0.3225
Android (android.graphics.Color)	4281174155 (0xFF2D888B)
YUV	109.1330, 14.7244, -56.2446
Hunter-Lab	44.7552, -20.3047, -5.1363

Details

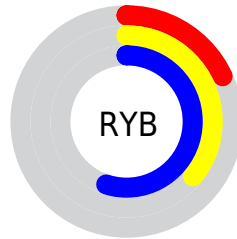
The Hex color **2D888B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B302D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **68BEC0**, and **005659** is the 20% darker color. If you saturate the color by 10%, you get **1F888B**, and if you desaturate by 10%, it is **3B888B**.

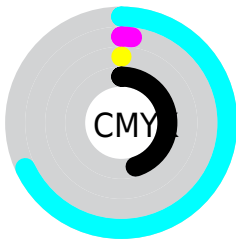
Distribution



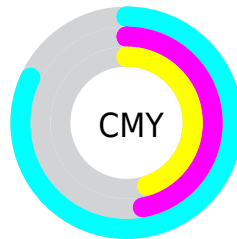
- Red (18%)
- Green (53%)
- Blue (55%)



- Red (18%)
- Yellow (36%)
- Blue (55%)



- Cyan (68%)
- Magenta (2%)
- Yellow (0%)
- Black (45%)



- Cyan (82%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D888B 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 2D888B by changing the saturation by 10% instead.

 2D888B

 2D888B

FFFFFF

 006E72

 68BEC0

 005659

 84DADC

 003E42

 A1F6F9

 00282C

 BDFFFF

 000E18

 DAFFFF

 000000

 F8FFFF

 2D888B

 2D888B

 1F888B

 3B888B

■ 11878B

■ 49898B

■ 03878B

■ 57898B

■ 00878B

■ 658A8B

■ 738A8B

■ 808B8B

■ 8E8B8B

■ 9C8C8B

■ AA8C8B

Harmonies

Analogous

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



458873



2D888B



31859E

Triad

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



2D888B



927099



92784E

Complementary

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



2D888B



8B302D

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.



A27059



2D888B



A46B84

Square

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



2D888B



7478A6



A96B6D



7B7F50

Rectangle

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



2D888B



4582A6



A96B6D



987551

Sweetspot

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



2D888B



91B4B5



2D8B2F



465B5C



DBDBDB



5C5C5C

Same Dimension

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



2D888B



22B0B5



2D5A8B



3E4545



008085



000505

Inverse Universe

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



8B2D88



B522B0



8B5E2D



453E45



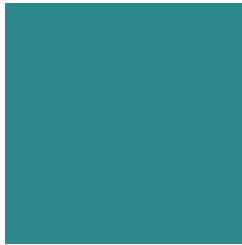
850080



050005

Previews

White Background



This preview shows how the Hex color 2D888B looks on a white background.

Color Contrast Check

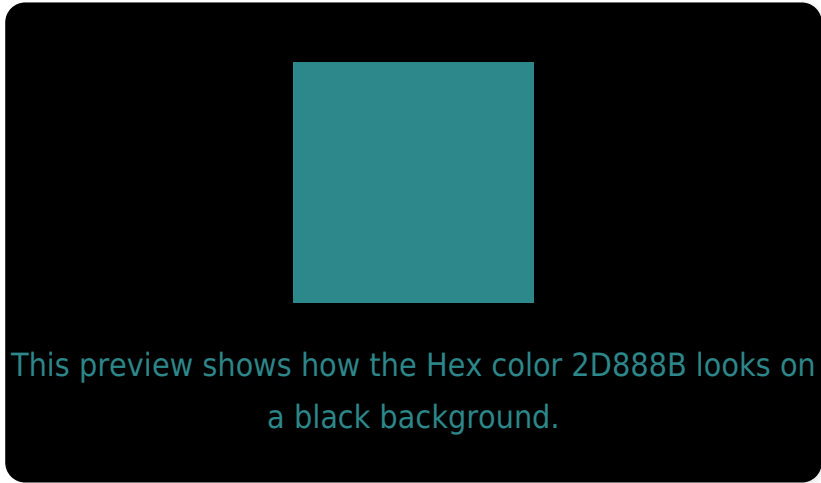
Large Text (above 18pt) WCAG AA ✓ Pass

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

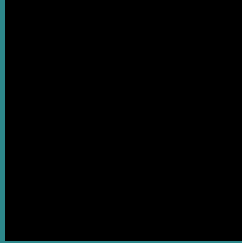
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

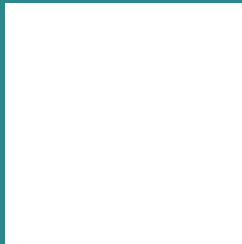
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D888B Background



This preview shows how black text looks on a background with the Hex color 2D888B.

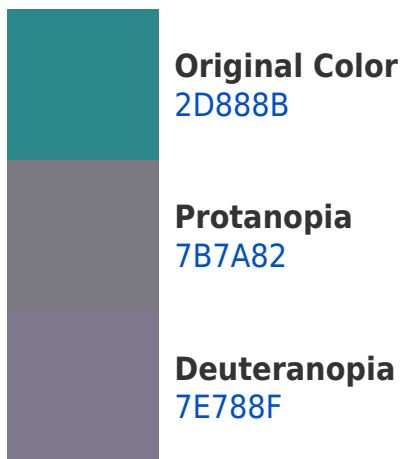


This preview shows how white text looks on a background with the Hex color 2D888B.

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
318792

Trichromacy



Original Color
2D888B



Protanomaly
5F7F85



Deuteranomaly
617E8E



Tritanomaly
30878F

Monochromacy



Original Color
2D888B



Achromatopsia
6D6D6D



Achromatomaly
567778

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D888B 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 #2D888B looks like.

```
.text, #text, p{  
    color:#2D888B  
}
```

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 #2D888B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D888B
}
```

Border

The CSS property to change the border of an element to Hex 2D888B 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
#2D888B }
```

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

```
.border{ border-color:#2D888B }
```

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

Here you see how a box with a 4 pixel #2D888B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D888B; -webkit-box-shadow:4px 4px  
4px 4px #2D888B; box-shadow:4px 4px 4px  
4px #2D888B }
```

Background

The CSS property to change the background color of an element to Hex 2D888B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D888B }
```

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

```
.background{ background-color:#2D888B }
```

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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