

Converting Colors

Hex(2C868B)

Have a look what the booklet for
Hex(2C868B) contains.

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Color

Hex(2C868B)

Conversions

Conversions Part 1

Format	Color
Hex	2C868B
RGB	44, 134, 139
RGB Percent	17%, 53%, 55%
CMY	0.8275, 0.4745, 0.4549
CMYK	0.68, 0.04, 0.00, 0.45
HSL	183°, 52%, 36%
HSV	183°, 68%, 55%
XYZ	14.2240, 19.4497, 27.4306
YIQ	107.6600, -55.2450, -17.5250

Conversions

Conversions Part 2

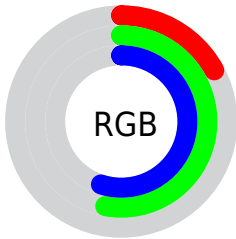
Format	Color
RYB	44, 90, 139
Decimal	2918027
CIELab	51.21, -24.24, -10.44
CIELCh	51, 26.388, 203.299
Yxy	19.4497, 0.2328, 0.3183
Android (android.graphics.Color)	4281108107 (0xFF2C868B)
YUV	107.6600, 15.4506, -55.8298
Hunter-Lab	44.1019, -19.6074, -6.0060




Details

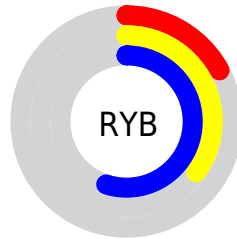
The Hex color **2C868B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B312C**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **67BCC0**, and **005459** is the 20% darker color. If you saturate the color by 10%, you get **1E858B**, and if you desaturate by 10%, it is **3A878B**.

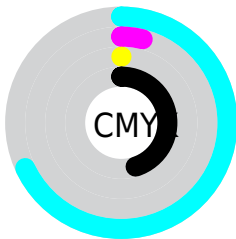
Distribution







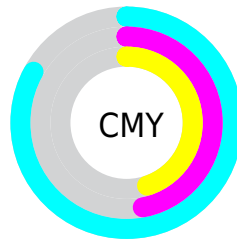
-  Red (17%)
-  Green (53%)
-  Blue (55%)






-  Red (17%)
-  Yellow (35%)
-  Blue (55%)



-  Cyan (68%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (83%)
-  Magenta (47%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C868B 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 2C868B by changing the saturation by 10% instead.

 2C868B

 2C868B

FFFFFF

 006C72

 67BCC0

 005459

 83D7DC

 003C42

 A0F4F9

 00262C

 BCFFFF

 000918

 D9FFFF

 000000

 F7FFFF

 2C868B

 2C868B

 1E858B

 3A878B

■ 10858B

■ 48878B

■ 02848B

■ 56888B

■ 00848B

■ 64898B

■ 728A8B

■ 7F8A8B

■ 8D8B8B

■ 9B8C8B

■ A98D8B

Harmonies

Analogous

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



428674



2C868B



33839D

Triad

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



2C868B



926E95



8E774D

Complementary

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



2C868B



8B312C

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.



9F6F57



2C868B



A26980

Square

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



2C868B



7676A3



A66A69



777E50

Rectangle

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



2C868B



4780A5



A66A69



94744F

Sweetspot

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



2C868B



8FB3B5



2C8B31



455B5C



DBDBDB



5C5C5C

Same Dimension

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



2C868B



21ADB5



2C578B



3E4445



007E85



000505

Inverse Universe

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



8B2C86



B521AD



8B602C



453E44



85007E



050005

Previews

White Background



This preview shows how the Hex color 2C868B looks on a white background.

Color Contrast Check

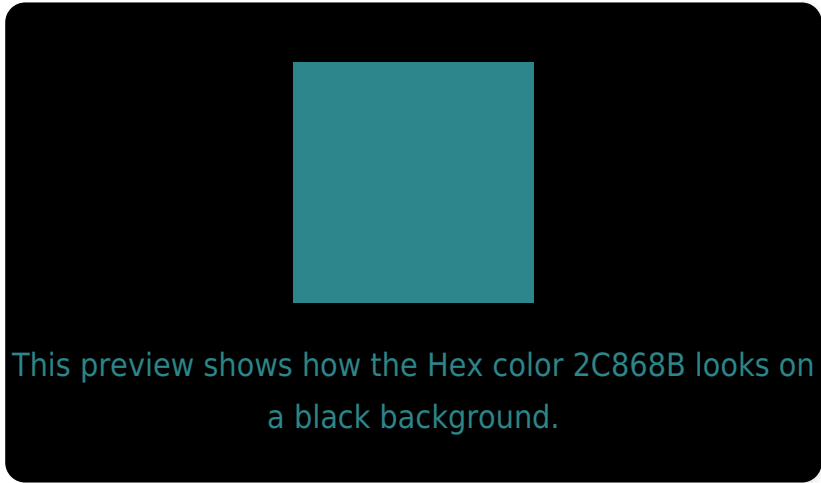
Large Text (above 18pt) WCAG AA ✓ Pass

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

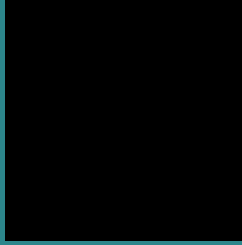
Any Text WCAG AA ✓ Pass

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 2C868B Background



This preview shows how black text looks on a background with the Hex color 2C868B.

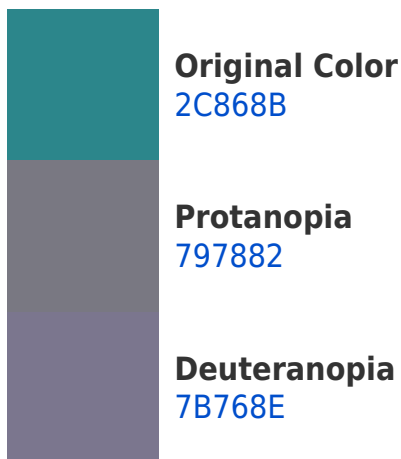


This preview shows how white text looks on a background with the Hex color 2C868B.

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
2F8590

Trichromacy



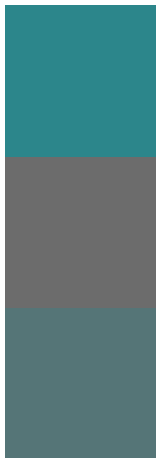
Original Color
2C868B

Protanomaly
5D7D85

Deuteranomaly
5E7C8D

Tritanomaly
2E858E

Monochromacy



Original Color
2C868B

Achromatopsia
6C6C6C

Achromatomaly
557577

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C868B 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 #2C868B looks like.

```
.text, #text, p{  
    color:#2C868B  
}
```

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 #2C868B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C868B
}
```

Border

The CSS property to change the border of an element to Hex 2C868B 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
#2C868B }
```

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

```
.border{ border-color:#2C868B }
```

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

Here you see how a box with a 4 pixel #2C868B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C868B; -webkit-box-shadow:4px 4px  
4px 4px #2C868B; box-shadow:4px 4px 4px  
4px #2C868B }
```

Background

The CSS property to change the background color of an element to Hex 2C868B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C868B }
```

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

```
.background{ background-color:#2C868B }
```

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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