

Converting Colors

Hex(2C8788)

Have a look what the booklet for
Hex(2C8788) contains.

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Color

Hex(2C8788)

Conversions

Conversions Part 1

Format	Color
Hex	2C8788
RGB	44, 135, 136
RGB Percent	17%, 53%, 53%
CMY	0.8275, 0.4706, 0.4667
CMYK	0.68, 0.01, 0.00, 0.47
HSL	181°, 51%, 35%
HSV	181°, 68%, 53%
XYZ	14.1466, 19.6410, 26.3380
YIQ	107.9050, -54.5570, -18.9810

Conversions

Conversions Part 2

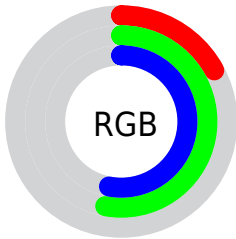
Format	Color
RYB	44, 90, 136
Decimal	2918280
CIELab	51.43, -25.66, -8.36
CIElCh	51, 26.992, 198.040
Yxy	19.6410, 0.2353, 0.3267
Android (android.graphics.Color)	4281108360 (0xFF2C8788)
YUV	107.9050, 13.8508, -56.0447
Hunter-Lab	44.3182, -20.5785, -4.2130




Details

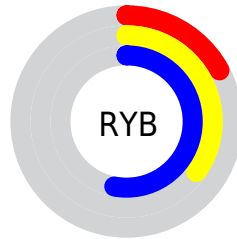
The Hex color **2C8788** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **882D2C**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **67BDBD**, and **005556** is the 20% darker color. If you saturate the color by 10%, you get **1E8788**, and if you desaturate by 10%, it is **3A8788**.

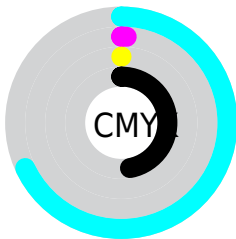
Distribution







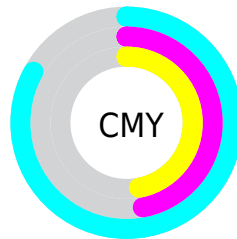
-  Red (17%)
-  Green (53%)
-  Blue (53%)






-  Red (17%)
-  Yellow (35%)
-  Blue (53%)



-  Cyan (68%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8788 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 2C8788 by changing the saturation by 10% instead.



2C8788



2C8788

FFFFFF



006D6F



67BDBD



005556



83D9D9



003D3F



9FF5F5



002729



BCFFFF



000B15



D9FFFF



000000



F7FFFF



2C8788



2C8788



1E8788



3A8788

■ 118788

■ 478788

■ 038788

■ 558788

■ 008788

■ 628888

■ 708888

■ 7E8888

■ 8B8888

■ 998888

■ A68888

Harmonies

Analogous

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



468670



2C8788



2C859C

Triad

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



2C8788



8F709A



92764E

Complementary

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



2C8788



882D2C

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.



A26E59



2C8788



A26A85

Square

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



2C8788



7078A6



A8696D



7C7E4E

Rectangle

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



2C8788



4082A5



A8696D



997350

Sweetspot

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



2C8788



8DB0B0



2C882C



445959



D9D9D9



595959

Same Dimension

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



2C8788



21AEB0



2C5A88



3E4545



008385



000505

Inverse Universe

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



882C87



B021AE



885A2C



453E45



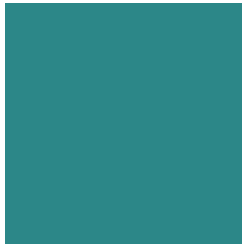
850083



050005

Previews

White Background



This preview shows how the Hex color 2C8788 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

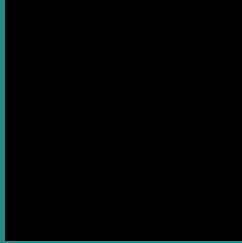
Any Text WCAG AA ✓ Pass

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 2C8788 Background



This preview shows how black text looks on a background with the Hex color 2C8788.



This preview shows how white text looks on a background with the Hex color 2C8788.

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
318691

Trichromacy



Original Color
2C8788



Protanomaly
5E7E82



Deuteranomaly
607D8B



Tritanomaly
2F868E

Monochromacy



Original Color
2C8788



Achromatopsia
6C6C6C



Achromatomaly
557676

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8788 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 #2C8788 looks like.

```
.text, #text, p{  
    color:#2C8788  
}
```

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 #2C8788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8788
}
```

Border

The CSS property to change the border of an element to Hex 2C8788 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
#2C8788 }
```

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

```
.border{ border-color:#2C8788 }
```

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

Here you see how a box with a 4 pixel #2C8788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8788; -webkit-box-shadow:4px 4px  
4px 4px #2C8788; box-shadow:4px 4px 4px  
4px #2C8788 }
```

Background

The CSS property to change the background color of an element to Hex 2C8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8788 }
```

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

```
.background{ background-color:#2C8788 }
```

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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