

Converting Colors

Hex(2C928E)

Have a look what the booklet for
Hex(2C928E) contains.

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Color

Hex(2C928E)

Conversions

Conversions Part 1

Format	Color
Hex	2C928E
RGB	44, 146, 142
RGB Percent	17%, 57%, 56%
CMY	0.8275, 0.4275, 0.4431
CMYK	0.70, 0.00, 0.03, 0.43
HSL	178°, 54%, 37%
HSV	178°, 70%, 57%
XYZ	16.2001, 23.0462, 29.1857
YIQ	115.0460, -59.5080, -22.8680

Conversions

Conversions Part 2

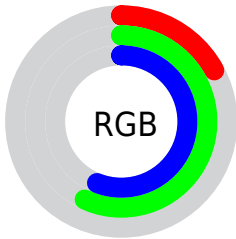
Format	Color
RYB	44, 96, 146
Decimal	2921102
CIELab	55.12, -29.33, -6.33
CIELCh	55, 30.004, 192.185
Yxy	23.0462, 0.2367, 0.3368
Android (android.graphics.Color)	4281111182 (0xFF2C928E)
YUV	115.0460, 13.2883, -62.3073
Hunter-Lab	48.0065, -23.7755, -2.4410

Details

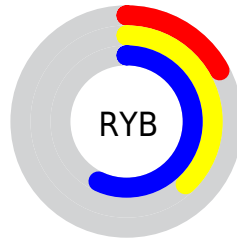
The Hex color **2C928E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **922C30**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **69C8C4**, and **005F5C** is the 20% darker color. If you saturate the color by 10%, you get **1D928D**, and if you desaturate by 10%, it is **3B928F**.

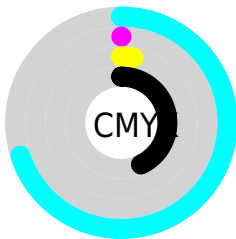
Distribution



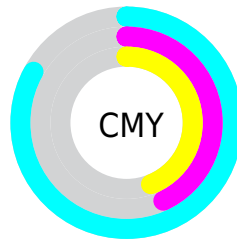
- Red (17%)
- Green (57%)
- Blue (56%)



- Red (17%)
- Yellow (38%)
- Blue (57%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (83%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C928E 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 2C928E by changing the saturation by 10% instead.

 2C928E

 2C928E

FFFFFF

 007874

 69C8C4

 005F5C

 86E5E0

 004744

 A2FFFC

 002F2E

 BFFFFFF

 001B1A

 DCFFFF

 000000

 FAFFFF

 2C928E

 2C928E

 1D928D

 3B928F

0F928D

49928F

00928C

589290

669290

759291

849291

929292

A19293

AF9293

Harmonies

Analogous

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



4E9173



2C928E



2090A6

Triad

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



2C928E



9579AB



A37D53

Complementary

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



2C928E



922C30

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.



B37562



2C928E



AD7294

Square

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



2C928E



7083B7



B7707A



8B8651

Rectangle

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



2C928E



368DB1



B7707A



A97A57

Sweetspot

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



2C928E



95BDBB



31922C



475E5D



DEDEDE



5E5E5E

Same Dimension

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



2C928E



1EBDB6



2C6492



434A4A



008A84



000A0A

Inverse Universe

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



922C30



BD1E24



925A2C



4A4343



8A0005



0A0000

Previews

White Background



This preview shows how the Hex color 2C928E 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

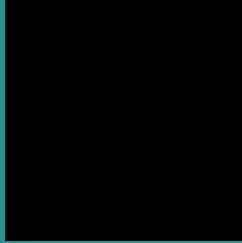
Any Text WCAG AA ✓ Pass

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 2C928E Background



This preview shows how black text looks on a background with the Hex color 2C928E.

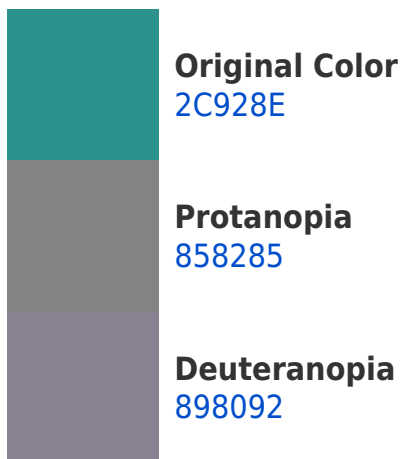


This preview shows how white text looks on a background with the Hex color 2C928E.

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
34909C

Trichromacy



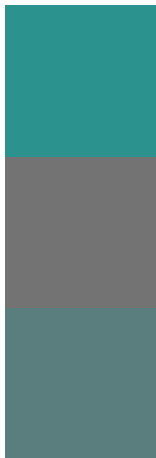
Original Color
2C928E

Protanomaly
658888

Deuteranomaly
678791

Tritanomaly
319197

Monochromacy



Original Color
2C928E

Achromatopsia
737373

Achromatomaly
597E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C928E 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 #2C928E looks like.

```
.text, #text, p{  
    color:#2C928E  
}
```

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 #2C928E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C928E
}
```

Border

The CSS property to change the border of an element to Hex 2C928E 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
#2C928E }
```

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

```
.border{ border-color:#2C928E }
```

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

Here you see how a box with a 4 pixel #2C928E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C928E; -webkit-box-shadow:4px 4px  
4px 4px #2C928E; box-shadow:4px 4px 4px  
4px #2C928E }
```

Background

The CSS property to change the background color of an element to Hex 2C928E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C928E }
```

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

```
.background{ background-color:#2C928E }
```

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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