

Converting Colors

Hex(2D8191)

Have a look what the booklet for
Hex(2D8191) contains.

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Color

Hex(2D8191)

Conversions

Conversions Part 1

Format	Color
Hex	2D8191
RGB	45, 129, 145
RGB Percent	18%, 51%, 57%
CMY	0.8235, 0.4941, 0.4314
CMYK	0.69, 0.11, 0.00, 0.43
HSL	190°, 53%, 37%
HSV	190°, 69%, 57%
XYZ	14.0433, 18.3027, 29.5807
YIQ	105.7080, -55.2000, -12.8320

Conversions

Conversions Part 2

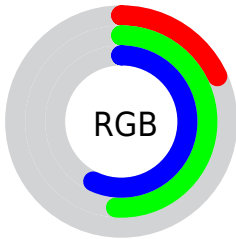
Format	Color
R_{YB}	45, 91, 145
Decimal	2982289
CIE _{Lab}	49.86, -19.55, -15.98
CIE _{LCh}	50, 25.253, 219.254
Yxy	18.3027, 0.2268, 0.2956
Android (android.graphics.Color)	4281172369 (0xFF2D8191)
YUV	105.7080, 19.3710, -53.2409
Hunter-Lab	42.7817, -16.2746, -11.0479




Details

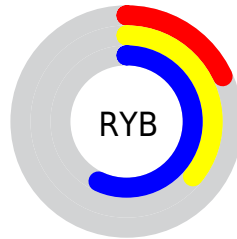
The Hex color **2D8191** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **913D2D**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **68B6C7**, and **004F5F** is the 20% darker color. If you saturate the color by 10%, you get **1F7F91**, and if you desaturate by 10%, it is **3C8391**.

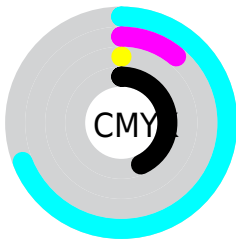
Distribution







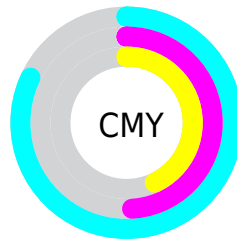
-  Red (18%)
-  Green (51%)
-  Blue (57%)






-  Red (18%)
-  Yellow (36%)
-  Blue (57%)



-  Cyan (69%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (82%)
-  Magenta (49%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8191 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 2D8191 by changing the saturation by 10% instead.

■ 2D8191

■ 2D8191

FFFFFF

■ 006877

■ 68B6C7

■ 004F5F

■ 84D2E3

■ 003847

■ A0EEFF

■ 002330

■ BDFFFF

■ 00021C

■ DAFFFF

■ 000000

■ F8FFFF

■ 2D8191

■ 2D8191

■ 1F7F91

■ 3C8391

■ 107C91

■ 4A8691

■ 027A91

■ 598891

■ 007A91

■ 678A91

■ 768D91

■ 848F91

■ 939191

■ A19491

■ B09691

Harmonies

Analogous

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



35827D



2D8191



437D9E

Triad

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



2D8191



976886



7F774C

Complementary

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



2D8191



913D2D

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.



92704F



2D8191



A16671

Square

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



2D8191



826F98



9E6A5C



677D55

Rectangle

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



2D8191



5979A1



9E6A5C



86754C

Sweetspot

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



2D8191



95B6BD



2D913C



475B5E



DEDEDE



5E5E5E

Same Dimension

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



2D8191



20A4BD



2D5091



404647



007287



000608

Inverse Universe

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



912D81



BD20A4



916E2D



474046



870072



080006

Previews

White Background



This preview shows how the Hex color 2D8191 looks on a white background.

Color Contrast Check

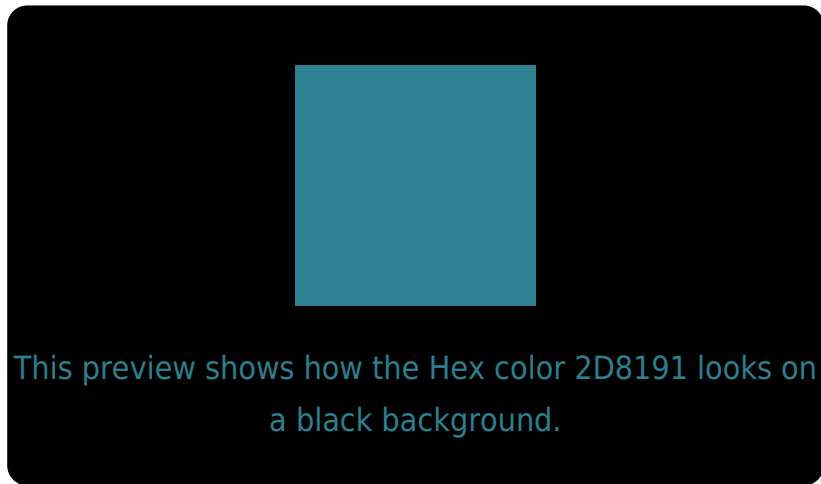
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

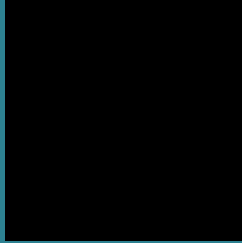
Any Text WCAG AA ✓ Pass

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 2D8191 Background



This preview shows how black text looks on a background with the Hex color 2D8191.

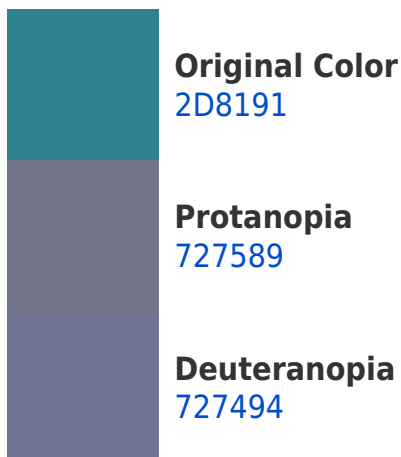



This preview shows how white text looks on a background with the Hex color 2D8191.

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](#).

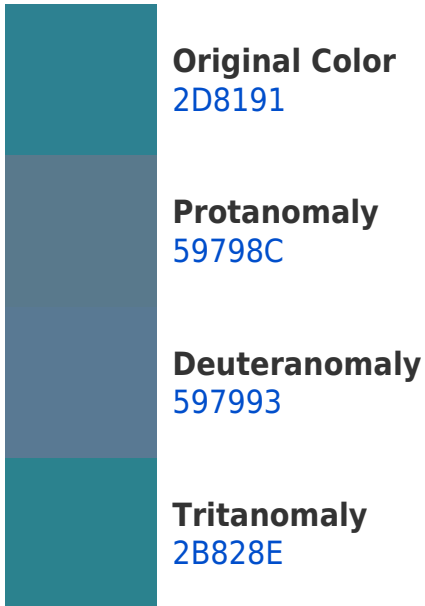
Dichromacy



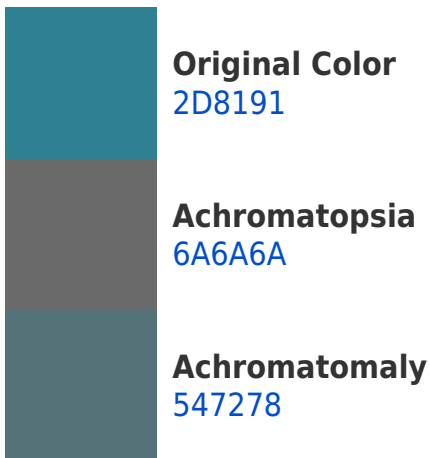


Tritanopia
2A828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8191 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 #2D8191 looks like.

```
.text, #text, p{  
    color:#2D8191  
}
```

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 #2D8191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8191
}
```

Border

The CSS property to change the border of an element to Hex 2D8191 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
#2D8191 }
```

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

```
.border{ border-color:#2D8191 }
```

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

Here you see how a box with a 4 pixel #2D8191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8191; -webkit-box-shadow:4px 4px  
4px 4px #2D8191; box-shadow:4px 4px 4px  
4px #2D8191 }
```

Background

The CSS property to change the background color of an element to Hex 2D8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8191 }
```

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

```
.background{ background-color:#2D8191 }
```

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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