

Converting Colors

Hex(2D9E91)

Have a look what the booklet for
Hex(2D9E91) contains.

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Color

Hex(2D9E91)

Conversions

Conversions Part 1

Format	Color
Hex	2D9E91
RGB	45, 158, 145
RGB Percent	18%, 62%, 57%
CMY	0.8235, 0.3804, 0.4314
CMYK	0.72, 0.00, 0.08, 0.38
HSL	173°, 56%, 40%
HSV	173°, 72%, 62%
XYZ	18.4199, 27.0559, 31.0396
YIQ	122.7310, -63.1750, -27.9990

Conversions

Conversions Part 2

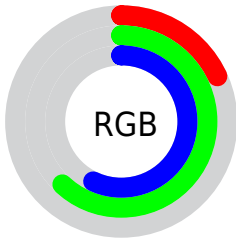
Format	Color
R_{YB}	45, 105, 158
Decimal	2989713
CIE _{Lab}	59.03, -34.04, -2.27
CIE _{LCh}	59, 34.117, 183.820
Y _{xy}	27.0559, 0.2407, 0.3536
Android (android.graphics.Color)	4281179793 (0xFF2D9E91)
YUV	122.7310, 10.9786, -68.1701
Hunter-Lab	52.0153, -27.8157, 1.0301

Details

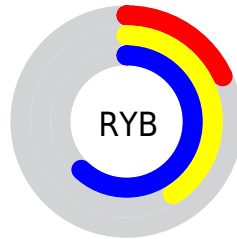
The Hex color **2D9E91** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9E2D3A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6CD5C7**, and **006A5F** is the 20% darker color. If you saturate the color by 10%, you get **1D9E8F**, and if you desaturate by 10%, it is **3D9E93**.

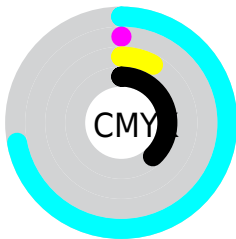
Distribution



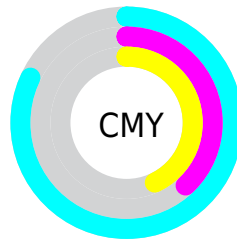
- Red (18%)
- Green (62%)
- Blue (57%)



- Red (18%)
- Yellow (41%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9E91 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 2D9E91 by changing the saturation by 10% instead.

 2D9E91

 2D9E91

FFFFFF

 008477

 6CD5C7

 006A5F

 89F2E3

 005147

 A6FFFF

 003931

 C3FFFF

 00251C

 E0FFFF

 000001

FEFFFF

 000000

 2D9E91

 2D9E91

 1D9E8F

 3D9E93

0D9E8D

4D9E95

009E8C

5C9E96

6C9E98

7C9E9A

8C9E9C

9C9E9E

AB9EA0

BB9EA1

Harmonies

Analogous

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



5A9C73



2D9E91



009DAE

Triad

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



2D9E91



9685C0



B78359

Complementary

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



2D9E91



9E2D3A

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.



C67A6E



2D9E91



B77BA9

Square

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



2D9E91



6890C9



C7768B



9E8E52

Rectangle

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



2D9E91



189ABE



C7768B



BD805F

Sweetspot

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



2D9E91



A3CFCA



3A9E2D



4E6966



E8E8E8



696969

Same Dimension

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



2D9E91



1DCFBA



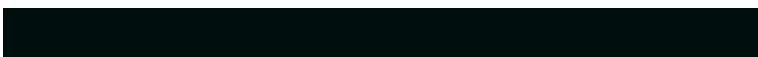
2D739E



474F4E



008F7E



000F0E

Inverse Universe

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



9E2D3A



CF1D31



9E582D



4F4748



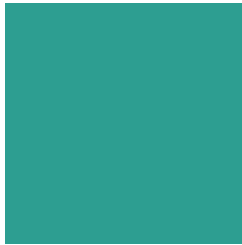
8F0010



0F0002

Previews

White Background



This preview shows how the Hex color 2D9E91 looks on a white background.

Color Contrast Check

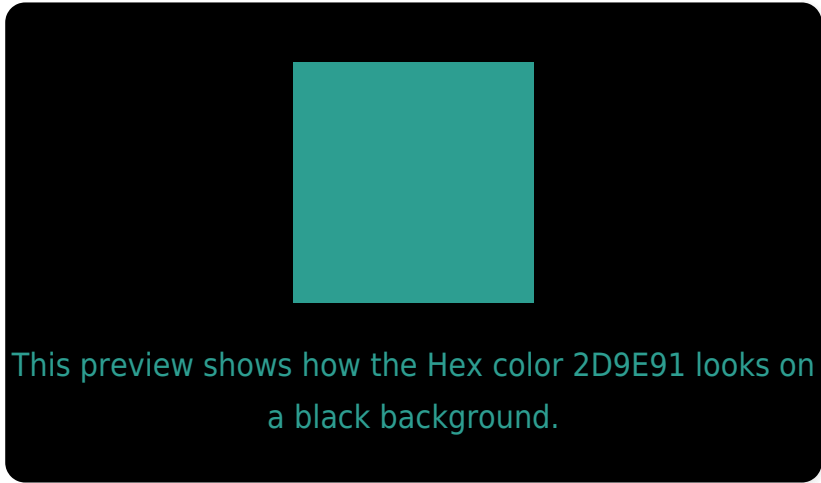
Large Text (above 18pt) WCAG AA ✓ Pass

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

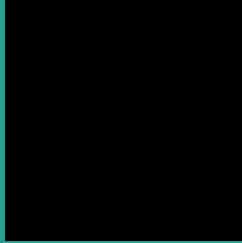
Any Text WCAG AA ✓ Pass

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 2D9E91 Background



This preview shows how black text looks on a background with the Hex color 2D9E91.

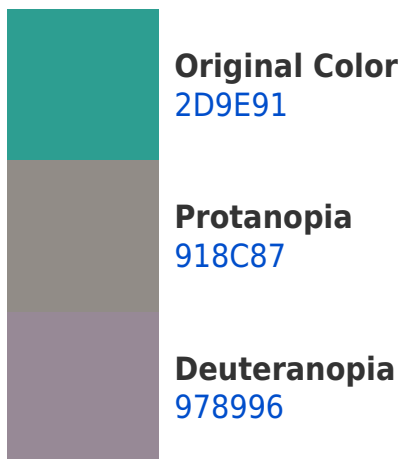


This preview shows how white text looks on a background with the Hex color 2D9E91.

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
399BA7

Trichromacy



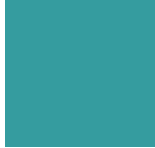
Original Color
2D9E91



Protanomaly
6D938B



Deuteranomaly
709194



Tritanomaly
359C9F

Monochromacy



Original Color
2D9E91



Achromatopsia
7B7B7B



Achromatomaly
5F8883

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9E91 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 #2D9E91 looks like.

```
.text, #text, p{  
    color:#2D9E91  
}
```

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 #2D9E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9E91
}
```

Border

The CSS property to change the border of an element to Hex 2D9E91 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
#2D9E91 }
```

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

```
.border{ border-color:#2D9E91 }
```

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

Here you see how a box with a 4 pixel #2D9E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9E91; -webkit-box-shadow:4px 4px  
4px 4px #2D9E91; box-shadow:4px 4px 4px  
4px #2D9E91 }
```

Background

The CSS property to change the background color of an element to Hex 2D9E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9E91 }
```

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

```
.background{ background-color:#2D9E91 }
```

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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