

# Converting Colors

Hex(2D9EA6)

Have a look what the booklet for  
Hex(2D9EA6) contains.

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# Color

Hex(2D9EA6)

# Conversions

## Conversions Part 1

Format	Color
Hex	2D9EA6
RGB	45, 158, 166
RGB Percent	18%, 62%, 65%
CMY	0.8235, 0.3804, 0.3490
CMYK	0.73, 0.05, 0.00, 0.35
HSL	184°, 57%, 41%
HSV	184°, 73%, 65%
XYZ	20.1920, 27.7648, 40.3713
YIQ	125.1250, -69.9160, -21.4680

# Conversions

## Conversions Part 2

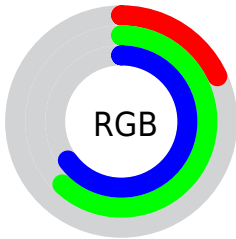
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 103, 166
Decimal	2989734
CIE <sub>Lab</sub>	59.68, -27.84, -13.21
CIE <sub>LCh</sub>	60, 30.817, 205.374
Yxy	27.7648, 0.2286, 0.3143
Android (android.graphics.Color)	4281179814 (0xFF2D9EA6)
YUV	125.1250, 20.1514, -70.2696
Hunter-Lab	52.6923, -23.8093, -8.5417

# Details

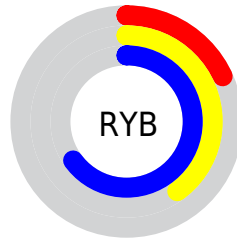
The Hex color **2D9EA6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A6352D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6ED5DD**, and **006A72** is the 20% darker color. If you saturate the color by 10%, you get **1C9DA6**, and if you desaturate by 10%, it is **3E9FA6**.

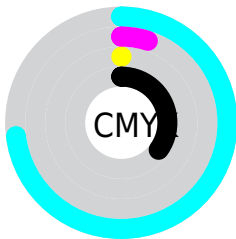
# Distribution



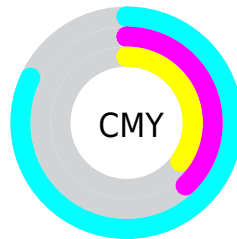
- Red (18%)
- Green (62%)
- Blue (65%)



- Red (18%)
- Yellow (40%)
- Blue (65%)



- Cyan (73%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (38%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D9EA6 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 2D9EA6 by changing the saturation by 10% instead.





2D9EA6



2D9EA6

FFFFFF



00848C



6ED5DD



006A72



8BF2FA



00525A



A8FFFF



003A42



C6FFFF



00252C



E4FFFF



000118



000000



2D9EA6



2D9EA6



1C9DA6



3E9FA6

■ 0C9CA6

■ 4EA0A6

■ 009BA6

■ 5FA1A6

■ 6FA2A6

■ 80A3A6

■ 91A5A6

■ A1A6A6

■ B2A7A6

■ C2A8A6

# Harmonies

## Analogous

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



499E8A



2D9EA6



399BBC

# Triad

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



2D9EA6



AE81AF



A68D5A

# Complementary

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



2D9EA6



A6352D

# 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.



BB8364



2D9EA6



C17B95

# Square

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



2D9EA6



8D8AC1



C57C7A



8A955E

# Rectangle

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



2D9EA6



5496C4



C57C7A



AE895C



# Sweetspot

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



2D9EA6



A9D6D9



2DA633



516C6E



EDEDED



6E6E6E



# Same Dimension

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



2D9EA6



1CCCD9



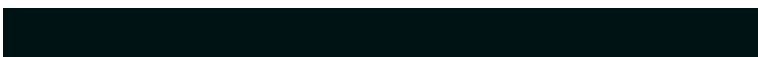
2D63A6



4C5454



008A94



001314



# Inverse Universe

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



A62D9E



D91CCC



A6702D



544C54



94008A



140013



# Previews

## White Background



This preview shows how the Hex color 2D9EA6 looks on a white background.

## Color Contrast Check

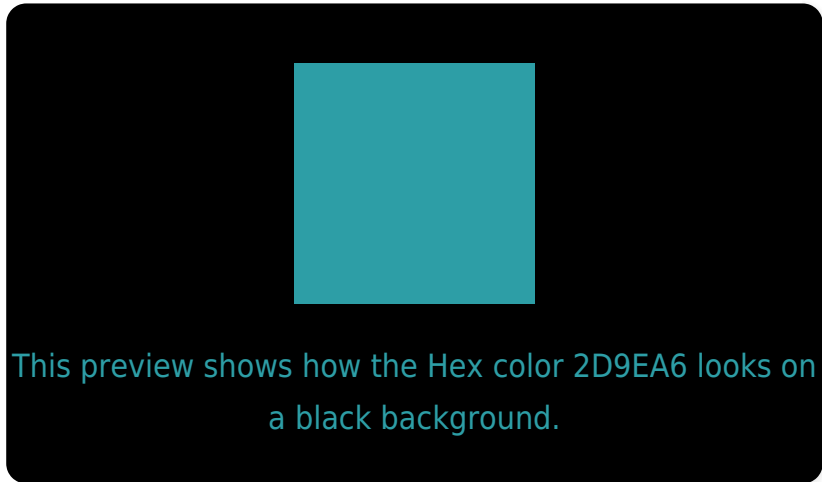
Large Text (above 18pt) WCAG AA ✓ Pass

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

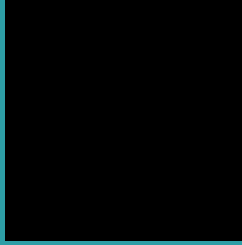
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

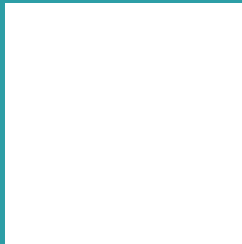
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D9EA6 Background



This preview shows how black text looks on a background with the Hex color 2D9EA6.



This preview shows how white text looks on a background with the Hex color 2D9EA6.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D9EA6 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 #2D9EA6 looks like.

```
.text, #text, p{  
    color:#2D9EA6  
}
```

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 #2D9EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9EA6
}
```

## Border

The CSS property to change the border of an element to Hex 2D9EA6 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
#2D9EA6 }
```

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

```
.border{ border-color:#2D9EA6 }
```

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

Here you see how a box with a 4 pixel #2D9EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9EA6; -webkit-box-shadow:4px 4px  
4px 4px #2D9EA6; box-shadow:4px 4px 4px  
4px #2D9EA6 }
```

# Background

The CSS property to change the background color of an element to Hex 2D9EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9EA6 }
```

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

```
.background{ background-color:#2D9EA6 }
```

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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