

Converting Colors

Hex(2DA278)

Have a look what the booklet for
Hex(2DA278) contains.

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Color

Hex(2DA278)

Conversions

Conversions Part 1

Format	Color
Hex	2DA278
RGB	45, 162, 120
RGB Percent	18%, 64%, 47%
CMY	0.8235, 0.3647, 0.5294
CMYK	0.72, 0.00, 0.26, 0.36
HSL	158°, 57%, 41%
HSV	158°, 72%, 64%
XYZ	17.3927, 27.7546, 22.2098
YIQ	122.2290, -56.2500, -37.8660

Conversions

Conversions Part 2

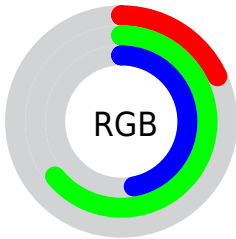
Format	Color
RYB	45, 116, 162
Decimal	2990712
CIELab	59.67, -42.28, 12.73
CIELCh	60, 44.157, 163.247
Yxy	27.7546, 0.2582, 0.4121
Android (android.graphics.Color)	4281180792 (0xFF2DA278)
YUV	122.2290, -1.0989, -67.7298
Hunter-Lab	52.6826, -33.2645, 11.8826

Details

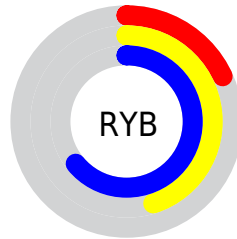
The Hex color **2DA278** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A22D57**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6BDAAC**, and **006D47** is the 20% darker color. If you saturate the color by 10%, you get **1DA272**, and if you desaturate by 10%, it is **3DA27E**.

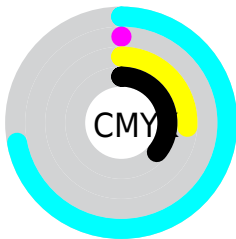
Distribution



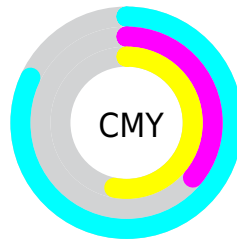
- Red (18%)
- Green (64%)
- Blue (47%)



- Red (18%)
- Yellow (45%)
- Blue (64%)



- Cyan (72%)
- Magenta (0%)
- Yellow (26%)
- Black (36%)



- Cyan (82%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA278 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 2DA278 by changing the saturation by 10% instead.



2DA278



2DA278

FFFFFF



00875F



6BDAAC



006D47



88F6C8



005431



A5FFE4



003C1C



C2FFFF



002702



DFFFFFF



000000

FDFFFF



2DA278



2DA278



1DA272



3DA27E

0DA26C

4DA284

00A268

5EA289

6EA28F

7EA295

8EA29B

9EA2A1

AFA2A7

BFA2AC

Harmonies

Analogous

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



6B9D55



2DA278



00A4A0

Triad

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



2DA278



6E8EDB



D1785C

Complementary

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



2DA278



A22D57

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.



D96F80



2DA278



A97FC9

Square

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



2DA278



009ADA



CC72A7



B98644

Rectangle

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



2DA278



00A2B9



CC72A7



D67467

Sweetspot

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



2DA278



A5D4C3



58A22D



4F6B61



EBEBEB



6B6B6B

Same Dimension

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



2DA278



1CD492



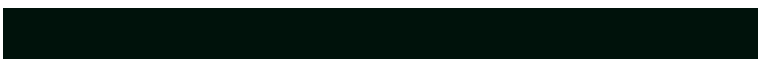
2D92A2



49524F



00915D



00120B

Inverse Universe

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



A22D57



D41C5E



A23D2D



52494C



910034



120006

Previews

White Background



This preview shows how the Hex color 2DA278 looks on a white background.

Color Contrast Check

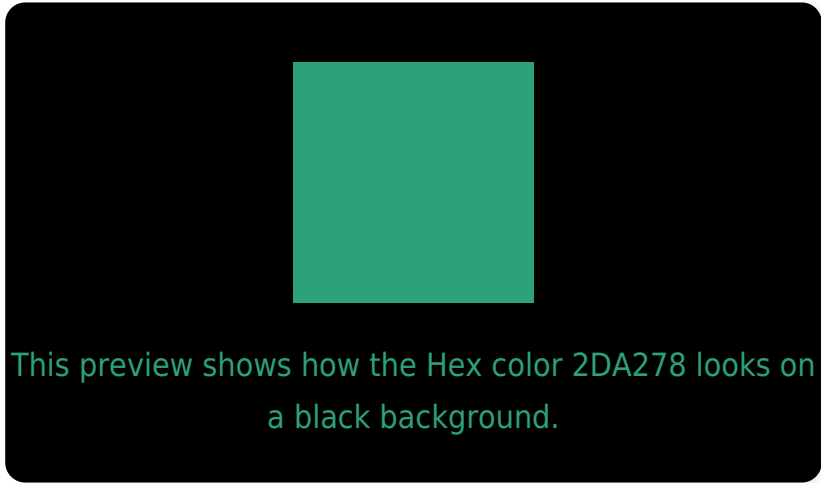
Large Text (above 18pt) WCAG AA ✓ Pass

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

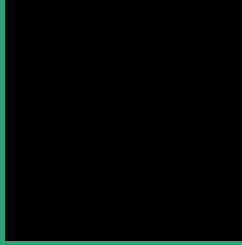
Any Text WCAG AA ✓ Pass

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 2DA278 Background



This preview shows how black text looks on a background with the Hex color 2DA278.

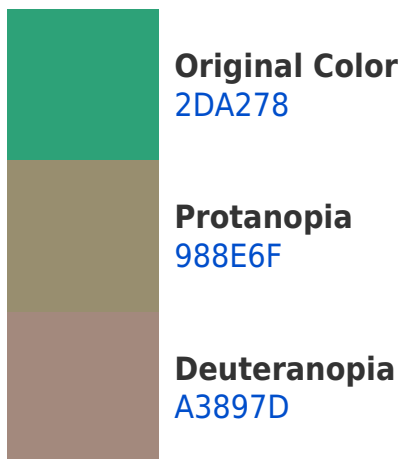


This preview shows how white text looks on a background with the Hex color 2DA278.

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
439CA8

Trichromacy



Original Color
2DA278



Protanomaly
719572



Deuteranomaly
78927B



Tritanomaly
3B9E97

Monochromacy



Original Color
2DA278



Achromatopsia
7A7A7A



Achromatomaly
5E8979

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA278 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 #2DA278 looks like.

```
.text, #text, p{  
    color:#2DA278  
}
```

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 #2DA278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA278
}
```

Border

The CSS property to change the border of an element to Hex 2DA278 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
#2DA278 }
```

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

```
.border{ border-color:#2DA278 }
```

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

Here you see how a box with a 4 pixel #2DA278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA278; -webkit-box-shadow:4px 4px  
4px 4px #2DA278; box-shadow:4px 4px 4px  
4px #2DA278 }
```

Background

The CSS property to change the background color of an element to Hex 2DA278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA278 }
```

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

```
.background{ background-color:#2DA278 }
```

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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