

# Converting Colors

Hex(2DA4A2)

Have a look what the booklet for  
Hex(2DA4A2) contains.

<b>Hex(2DA4A2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(2DA4A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DA4A2
RGB	45, 164, 162
RGB Percent	18%, 64%, 64%
CMY	0.8235, 0.3569, 0.3647
CMYK	0.73, 0.00, 0.01, 0.36
HSL	179°, 57%, 41%
HSV	179°, 73%, 64%
XYZ	20.8792, 29.7174, 38.8180
YIQ	128.1910, -70.2820, -25.8500

# Conversions

## Conversions Part 2

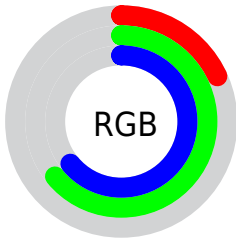
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 105, 164
Decimal	2991266
CIELab	61.41, -31.97, -8.35
CIElCh	61, 33.044, 194.637
Yxy	29.7174, 0.2335, 0.3324
Android (android.graphics.Color)	4281181346 (0xFF2DA4A2)
YUV	128.1910, 16.6678, -72.9585
Hunter-Lab	54.5137, -27.0319, -4.0595

# Details

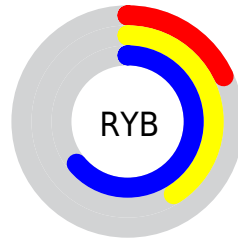
The Hex color **2DA4A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A42D2F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6EDBD9**, and **00706E** is the 20% darker color. If you saturate the color by 10%, you get **1DA4A2**, and if you desaturate by 10%, it is **3DA4A2**.

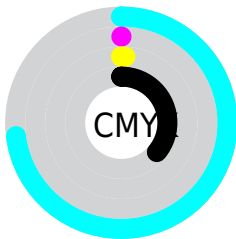
# Distribution



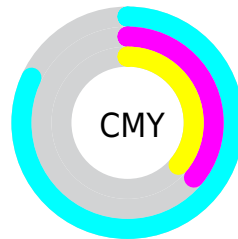
- Red (18%)
- Green (64%)
- Blue (64%)



- Red (18%)
- Yellow (41%)
- Blue (64%)



- Cyan (73%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DA4A2 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 2DA4A2 by changing the saturation by 10% instead.





2DA4A2



2DA4A2

FFFFFF



008988



6EDBD9



00706E



8CF8F5



005756



A9FFFF



003F3F



C6FFFF



002829



E4FFFF



000B15



000000



2DA4A2



2DA4A2



1DA4A2



3DA4A2

0CA4A1

4EA4A3

00A4A1

5EA4A3

6FA4A3

7FA4A3

8FA4A4

A0A4A4

B0A4A4

C1A4A4

# Harmonies

## Analogous

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



54A384



2DA4A2



24A2BC

# Triad

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



2DA4A2



AA88BE



B58D5C

# Complementary

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



2DA4A2



A42D2F

# 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.



C8846D



2DA4A2



C47FA5

# Square

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



2DA4A2



8292CD



CE7E87



99975B

# Rectangle

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



2DA4A2



409EC8



CE7E87



BC8A60



# Sweetspot

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



2DA4A2



A7D6D5



31A42D



4F6B6B



EBEBEB



6B6B6B



# Same Dimension

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



2DA4A2



1CD6D3



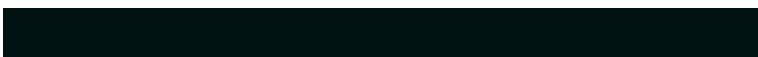
2D6CA4



495251



00918F



001212



# Inverse Universe

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



A42D2F



D61C1F



A4652D



52494A



910002



120000



# Previews

## White Background



This preview shows how the Hex color 2DA4A2 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



This preview shows how the Hex color 2DA4A2 looks on a 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 2DA4A2 Background



This preview shows how black text looks on a background with the Hex color 2DA4A2.

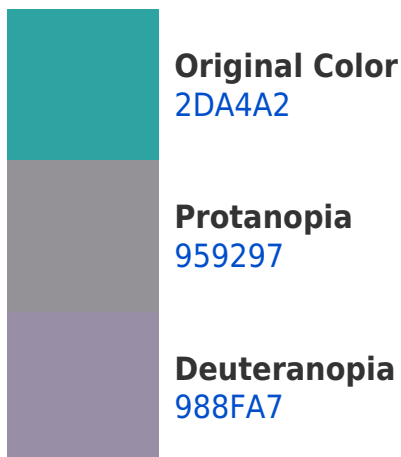


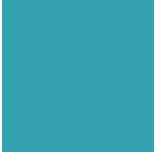
This preview shows how white text looks on a background with the Hex color 2DA4A2.

# 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**  
35A2AF

# Trichromacy



**Original Color**  
2DA4A2



**Protanomaly**  
6F999B



**Deuteranomaly**  
7197A5



**Tritanomaly**  
32A3AA

# Monochromacy



**Original Color**  
2DA4A2



**Achromatopsia**  
808080



**Achromatomaly**  
628D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DA4A2 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 #2DA4A2 looks like.

```
.text, #text, p{  
    color:#2DA4A2  
}
```

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 #2DA4A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA4A2
}
```

## Border

The CSS property to change the border of an element to Hex 2DA4A2 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
#2DA4A2 }
```

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

```
.border{ border-color:#2DA4A2 }
```

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

Here you see how a box with a 4 pixel #2DA4A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA4A2; -webkit-box-shadow:4px 4px  
4px 4px #2DA4A2; box-shadow:4px 4px 4px  
4px #2DA4A2 }
```

# Background

The CSS property to change the background color of an element to Hex 2DA4A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA4A2 }
```

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

```
.background{ background-color:#2DA4A2 }
```

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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