

Converting Colors

Hex(2DA3A5)

Have a look what the booklet for
Hex(2DA3A5) contains.

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Color

Hex(2DA3A5)

Conversions

Conversions Part 1

Format	Color
Hex	2DA3A5
RGB	45, 163, 165
RGB Percent	18%, 64%, 65%
CMY	0.8235, 0.3608, 0.3529
CMYK	0.73, 0.01, 0.00, 0.35
HSL	181°, 57%, 41%
HSV	181°, 73%, 65%
XYZ	20.9709, 29.4689, 40.1801
YIQ	127.9460, -70.9700, -24.3940

Conversions

Conversions Part 2

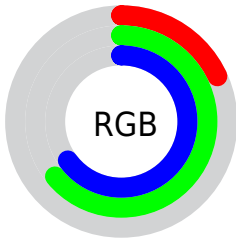
Format	Color
RYB	45, 104, 165
Decimal	2991013
CIELab	61.19, -30.60, -10.36
CIElCh	61, 32.305, 198.710
Yxy	29.4689, 0.2314, 0.3252
Android (android.graphics.Color)	4281181093 (0xFF2DA3A5)
YUV	127.9460, 18.2676, -72.7436
Hunter-Lab	54.2853, -26.0429, -5.8848

Details

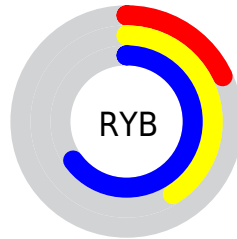
The Hex color **2DA3A5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A52F2D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6EDADC**, and **006F71** is the 20% darker color. If you saturate the color by 10%, you get **1DA3A5**, and if you desaturate by 10%, it is **3EA3A5**.

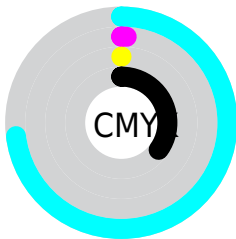
Distribution



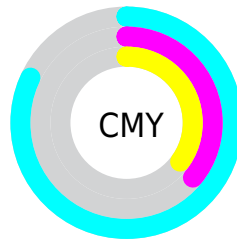
- Red (18%)
- Green (64%)
- Blue (65%)



- Red (18%)
- Yellow (41%)
- Blue (65%)



- Cyan (73%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA3A5 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 2DA3A5 by changing the saturation by 10% instead.

■ 2DA3A5

■ 2DA3A5

FFFFFF

■ 00888B

■ 6EDADC

■ 006F71

■ 8CF7F8

■ 005659

■ A9FFFF

■ 003E41

■ C7FFFF

■ 00282B

■ E5FFFF

■ 000918

■ 000000

■ 2DA3A5

■ 2DA3A5

■ 1DA3A5

■ 3EA3A5

0CA2A5

4EA4A5

00A2A5

5EA4A5

6FA4A5

80A4A5

90A5A5

A1A5A5

B1A5A5

C2A5A5

Harmonies

Analogous

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



50A288



2DA3A5



2DA0BE

Triad

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



2DA3A5



AD86BA



B08E5C

Complementary

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



2DA3A5



A52F2D

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.



C4856A



2DA3A5



C57FA0

Square

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



2DA3A5



8890CA



CC7E83



95985D

Rectangle

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



2DA3A5



499CC8



CC7E83



B88B5F

Sweetspot

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



2DA3A5



A7D5D6



2DA52F



4F6B6B



EBEBEB



6B6B6B

Same Dimension

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



2DA3A5



1CD3D6



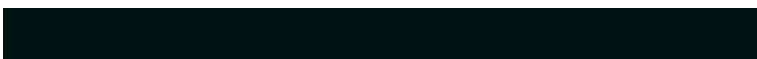
2D67A5



495152



008F91



001212

Inverse Universe

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



A52DA3



D61CD3



A56B2D



524951



91008F



120012

Previews

White Background



This preview shows how the Hex color 2DA3A5 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 2DA3A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

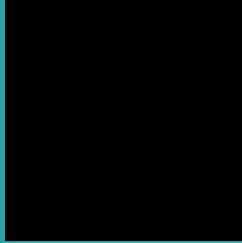
Any Text WCAG AA ✓ Pass

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 2DA3A5 Background



This preview shows how black text looks on a background with the Hex color 2DA3A5.

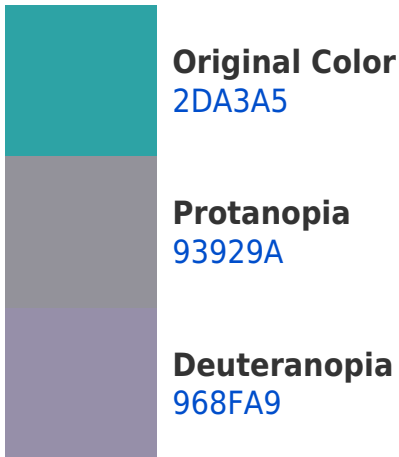


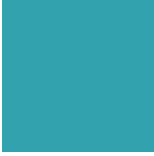
This preview shows how white text looks on a background with the Hex color 2DA3A5.

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
33A2AF

Trichromacy



Original Color
2DA3A5



Protanomaly
6E989E



Deuteranomaly
7096A8



Tritanomaly
31A2AB

Monochromacy



Original Color
2DA3A5



Achromatopsia
808080



Achromatomaly
628D8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA3A5 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 #2DA3A5 looks like.

```
.text, #text, p{  
    color:#2DA3A5  
}
```

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 #2DA3A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA3A5
}
```

Border

The CSS property to change the border of an element to Hex 2DA3A5 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
#2DA3A5 }
```

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

```
.border{ border-color:#2DA3A5 }
```

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

Here you see how a box with a 4 pixel #2DA3A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA3A5; -webkit-box-shadow:4px 4px  
4px 4px #2DA3A5; box-shadow:4px 4px 4px  
4px #2DA3A5 }
```

Background

The CSS property to change the background color of an element to Hex 2DA3A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA3A5 }
```

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

```
.background{ background-color:#2DA3A5 }
```

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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