

Converting Colors

Hex(2D39A3)

Have a look what the booklet for
Hex(2D39A3) contains.

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Color

Hex(2D39A3)

Conversions

Conversions Part 1

Format	Color
Hex	2D39A3
RGB	45, 57, 163
RGB Percent	18%, 22%, 64%
CMY	0.8235, 0.7765, 0.3608
CMYK	0.72, 0.65, 0.00, 0.36
HSL	234°, 57%, 41%
HSV	234°, 72%, 64%
XYZ	9.1562, 6.1285, 35.3507
YIQ	65.4960, -41.1780, 30.4220

Conversions

Conversions Part 2

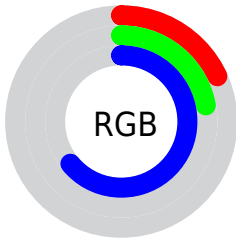
Format	Color
R_{YB}	45, 56, 163
Decimal	2963875
CIE _{Lab}	29.73, 32.08, -58.61
CIE _{LCh}	30, 66.811, 298.692
Yxy	6.1285, 0.1808, 0.1210
Android (android.graphics.Color)	4281153955 (0xFF2D39A3)
YUV	65.4960, 48.0695, -17.9750
Hunter-Lab	24.7558, 22.6974, -67.3357

Details

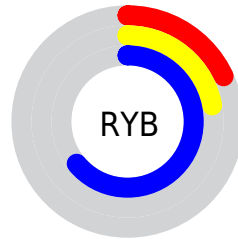
The Hex color **2D39A3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A3972D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6C68DB**, and **00106E** is the 20% darker color. If you saturate the color by 10%, you get **1D2AA3**, and if you desaturate by 10%, it is **3D48A3**.

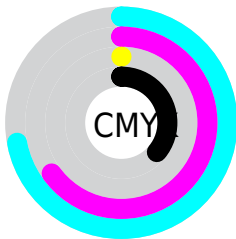
Distribution



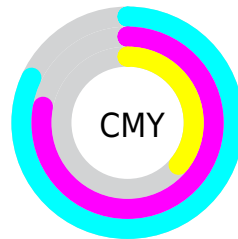
- Red (18%)
- Green (22%)
- Blue (64%)



- Red (18%)
- Yellow (22%)
- Blue (64%)



- Cyan (72%)
- Magenta (65%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D39A3 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 2D39A3 by changing the saturation by 10% instead.



2D39A3



2D39A3

FFFFFF



002388



6C68DB



00106E



8981F8



000055



A59BFF



00063D



C3B6FF



000326



E0D2FF



00010F



FEFFFF



000000



2D39A3



2D39A3



1D2AA3



3D48A3

■ 0C1CA3

■ 4E56A3

■ 0011A3

■ 5E65A3

■ 6E74A3

■ 7E82A3

■ 8F91A3

■ 9F9FA3

■ AFAEA3

■ C0BDA3

Harmonies

Analogous

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



004FB0



2D39A3



7F077D

Triad

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



2D39A3



7F2A00



005A42

Complementary

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



2D39A3



A3972D

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.



005703



2D39A3



594400

Square

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



2D39A3



970018



235100



005A77

Rectangle

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



2D39A3



95005C



235100



005930

Sweetspot

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



2D39A3



A5AAD4



2DA395



4F526B



EBEBEB



6B6B6B

Same Dimension

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



2D39A3



1C2ED4



5A2DA3



494A52



000F91



000212

Inverse Universe

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



A32D39



D41C2E



76A32D



52494A



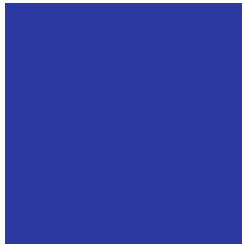
91000F



120002

Previews

White Background



This preview shows how the Hex color 2D39A3 looks on a white background.

Color Contrast Check

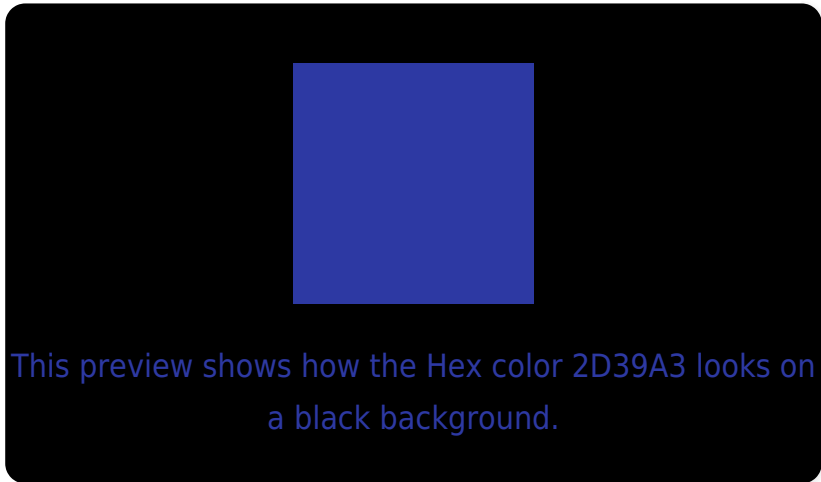
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

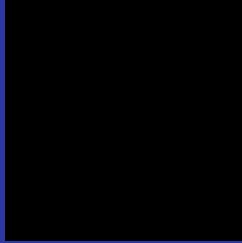
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2D39A3 Background



This preview shows how black text looks on a background with the Hex color 2D39A3.



This preview shows how white text looks on a background with the Hex color 2D39A3.

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



Original Color
2D39A3

Protanopia
00438F

Deuteranopia
00487A



Tritanopia
004E53

Trichromacy



Original Color
2D39A3

Protanomaly
103F96

Deuteranomaly
104389

Tritanomaly
104670

Monochromacy



Original Color
2D39A3

Achromatopsia
414141

Achromatomaly
3A3E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D39A3 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 #2D39A3 looks like.

```
.text, #text, p{  
    color:#2D39A3  
}
```

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 #2D39A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D39A3
}
```

Border

The CSS property to change the border of an element to Hex 2D39A3 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
#2D39A3 }
```

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

```
.border{ border-color:#2D39A3 }
```

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

Here you see how a box with a 4 pixel #2D39A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D39A3; -webkit-box-shadow:4px 4px  
4px 4px #2D39A3; box-shadow:4px 4px 4px  
4px #2D39A3 }
```

Background

The CSS property to change the background color of an element to Hex 2D39A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D39A3 }
```

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

```
.background{ background-color:#2D39A3 }
```

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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