

Converting Colors

Hex(2D3A9D)

Have a look what the booklet for
Hex(2D3A9D) contains.

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Color

Hex(2D3A9D)

Conversions

Conversions Part 1

Format	Color
Hex	2D3A9D
RGB	45, 58, 157
RGB Percent	18%, 23%, 62%
CMY	0.8235, 0.7725, 0.3843
CMYK	0.71, 0.63, 0.00, 0.38
HSL	233°, 55%, 40%
HSV	233°, 71%, 62%
XYZ	8.6810, 6.0183, 32.6024
YIQ	65.3990, -39.5270, 28.0330

Conversions

Conversions Part 2

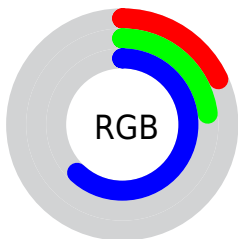
Format	Color
R_{YB}	45, 57, 157
Decimal	2964125
CIE Lab	29.46, 29.23, -55.42
CIE LCh	29, 62.660, 297.806
Yxy	6.0183, 0.1835, 0.1272
Android (android.graphics.Color)	4281154205 (0xFF2D3A9D)
YUV	65.3990, 45.1593, -17.8899
Hunter-Lab	24.5323, 20.2330, -61.6214




Details

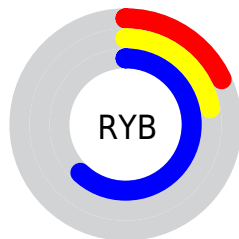
The Hex color **2D3A9D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9D902D**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **6A69D4**, and **001169** is the 20% darker color. If you saturate the color by 10%, you get **1D2C9D**, and if you desaturate by 10%, it is **3D489D**.

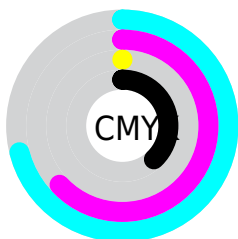
Distribution







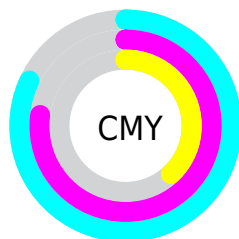
-  Red (18%)
-  Green (23%)
-  Blue (62%)






-  Red (18%)
-  Yellow (22%)
-  Blue (62%)



-  Cyan (71%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (82%)
-  Magenta (77%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3A9D 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 2D3A9D by changing the saturation by 10% instead.

■ 2D3A9D

■ 2D3A9D

FFFFFF

■ 002482

■ 6A69D4

■ 001169

■ 8782F1

■ 000050

■ A39CFF

■ 000538

■ C0B7FF

■ 000221

■ DED3FF

■ 000007

■ FCEFFF

■ 000000

■ 2D3A9D

■ 2D3A9D

■ 1D2C9D

■ 3D489D

■ 0E1E9D

■ 4C569D

■ 00129D

■ 5C649D

■ 6C729D

■ 7C7F9D

■ 8B8D9D

■ 9B9B9D

■ ABA99D

■ BAB79D

Harmonies

Analogous

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



004EA8



2D3A9D



7A147A

Triad

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



2D3A9D



7D2B00



005840

Complementary

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



2D3A9D



9D902D

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.



005507



2D3A9D



594300

Square

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



2D3A9D



93001C



284F00



005972

Rectangle

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



2D3A9D



8F005B



284F00



00582F

Sweetspot

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



2D3A9D



A1A6CC



2D9D90



4D4F66



E6E6E6



666666

Same Dimension

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



2D3A9D



1D31CC



582D9D



47484F



00118F



00020F

Inverse Universe

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



9D2D3A



CC1D31



729D2D



4F4748



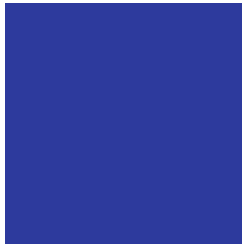
8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 2D3A9D looks on a white background.

Color Contrast Check

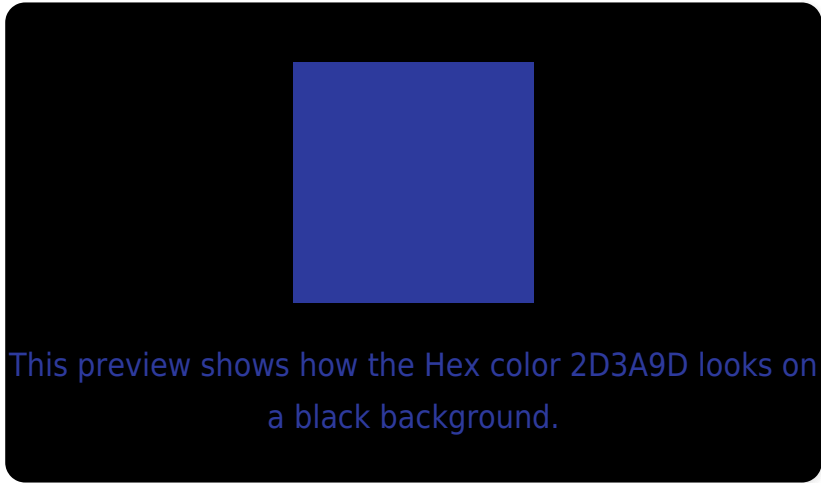
Large Text (above 18pt) WCAG AA ✓ Pass

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

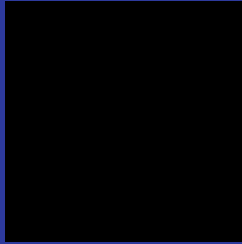
Any Text WCAG AA × Fail

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 2D3A9D Background



This preview shows how black text looks on a background with the Hex color 2D3A9D.



This preview shows how white text looks on a background with the Hex color 2D3A9D.

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
2D3A9D

Protanopia
00438D

Deuteranopia
004779

Trichromacy



Original Color
2D3A9D

Protanomaly
104093

Deuteranomaly
104286

Tritanomaly
10466D

Monochromacy



Original Color
2D3A9D

Achromatopsia
414141

Achromatomaly
3A3E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3A9D 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 #2D3A9D looks like.

```
.text, #text, p{  
    color:#2D3A9D  
}
```

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 #2D3A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3A9D
}
```

Border

The CSS property to change the border of an element to Hex 2D3A9D 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
#2D3A9D }
```

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

```
.border{ border-color:#2D3A9D }
```

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

Here you see how a box with a 4 pixel #2D3A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3A9D; -webkit-box-shadow:4px 4px  
4px 4px #2D3A9D; box-shadow:4px 4px 4px  
4px #2D3A9D }
```

Background

The CSS property to change the background color of an element to Hex 2D3A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3A9D }
```

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

```
.background{ background-color:#2D3A9D }
```

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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