

Converting Colors

Hex(2A359E)

Have a look what the booklet for
Hex(2A359E) contains.

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Color

Hex(2A359E)

Conversions

Conversions Part 1

Format	Color
Hex	2A359E
RGB	42, 53, 158
RGB Percent	16%, 21%, 62%
CMY	0.8353, 0.7922, 0.3804
CMYK	0.73, 0.66, 0.00, 0.38
HSL	234°, 58%, 39%
HSV	234°, 73%, 62%
XYZ	8.3995, 5.5071, 32.9680
YIQ	61.6810, -40.2610, 30.3230

Conversions

Conversions Part 2

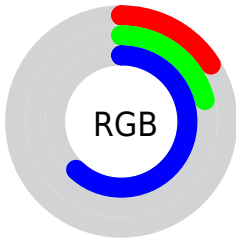
Format	Color
R _Y B	42, 52, 158
Decimal	2766238
CIE Lab	28.13, 32.48, -58.21
CIE LCh	28, 66.658, 299.163
Yxy	5.5071, 0.1792, 0.1175
Android (android.graphics.Color)	4280956318 (0xFF2A359E)
YUV	61.6810, 47.4853, -17.2602
Hunter-Lab	23.4671, 22.8223, -66.8671

Details

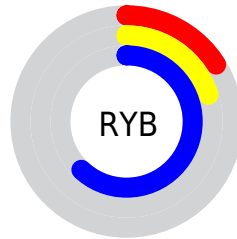
The Hex color **2A359E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9E932A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6964D6**, and **000C69** is the 20% darker color. If you saturate the color by 10%, you get **1A279E**, and if you desaturate by 10%, it is **3A439E**.

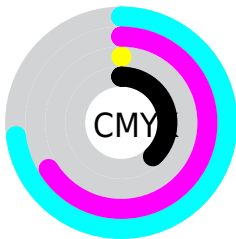
Distribution



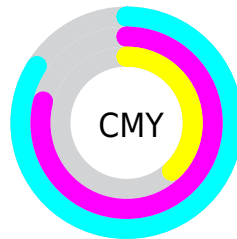
- Red (16%)
- Green (21%)
- Blue (62%)



- Red (16%)
- Yellow (20%)
- Blue (62%)



- Cyan (73%)
- Magenta (66%)
- Yellow (0%)
- Black (38%)



- Cyan (84%)
- Magenta (79%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A359E 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 2A359E by changing the saturation by 10% instead.

■ 2A359E

■ 2A359E

FFFFFF

■ 002083

■ 6964D6

■ 000C69

■ 867DF2

■ 000051

■ A297FF

■ 000538

■ C0B2FF

■ 000222

■ DDCDFE

■ 000008

■ FBE9FF

■ 000000

■ 2A359E

■ 2A359E

■ 1A279E

■ 3A439E

0A189E

4A529E

000F9E

59609E

696E9E

797D9E

898B9E

99999E

A8A79E

B8B69E

Harmonies

Analogous

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



004BAC



2A359E



7B0078

Triad

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



2A359E



7A2700



005540

Complementary

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



2A359E



9E932A

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.



005301



2A359E



544000

Square

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



2A359E



920014



1D4D00



005674

Rectangle

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



2A359E



900057



1D4D00



00552D

Sweetspot

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



2A359E



A1A5CF



2A9E92



4D5069



E8E8E8



696969

Same Dimension

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



2A359E



192ACF



582A9E



47484F



000E8F



00010F

Inverse Universe

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



9E2A35



CF192A



709E2A



4F4748



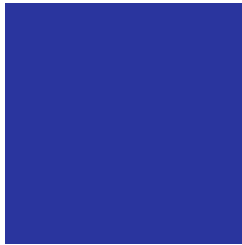
8F000E



0F0001

Previews

White Background



This preview shows how the Hex color 2A359E looks on a white background.

Color Contrast Check

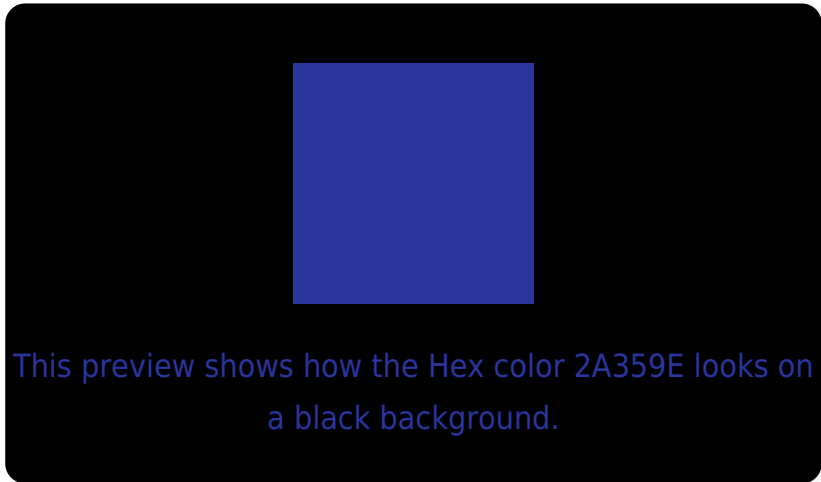
Large Text (above 18pt) WCAG AA ✓ Pass

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

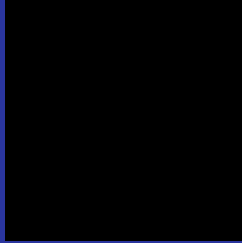
Any Text WCAG AA × Fail

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 2A359E Background



This preview shows how black text looks on a background with the Hex color 2A359E.



This preview shows how white text looks on a background with the Hex color 2A359E.

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
2A359E

Protanopia
004087

Deuteranopia
004474



Tritanopia
004A4E

Trichromacy



Original Color
2A359E

Protanomaly
0F3C8F

Deuteranomaly
0F3F83

Tritanomaly
0F426B

Monochromacy



Original Color
2A359E

Achromatopsia
3E3E3E

Achromatomaly
373B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A359E 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 #2A359E looks like.

```
.text, #text, p{  
    color:#2A359E  
}
```

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 #2A359E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A359E
}
```

Border

The CSS property to change the border of an element to Hex 2A359E 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
#2A359E }
```

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

```
.border{ border-color:#2A359E }
```

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

Here you see how a box with a 4 pixel #2A359E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A359E; -webkit-box-shadow:4px 4px  
4px 4px #2A359E; box-shadow:4px 4px 4px  
4px #2A359E }
```

Background

The CSS property to change the background color of an element to Hex 2A359E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A359E }
```

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

```
.background{ background-color:#2A359E }
```

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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