

Converting Colors

Hex(2A358D)

Have a look what the booklet for
Hex(2A358D) contains.

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Color

Hex(2A358D)

Conversions

Conversions Part 1

Format	Color
Hex	2A358D
RGB	42, 53, 141
RGB Percent	16%, 21%, 55%
CMY	0.8353, 0.7922, 0.4471
CMYK	0.70, 0.62, 0.00, 0.45
HSL	233°, 54%, 36%
HSV	233°, 70%, 55%
XYZ	7.0357, 4.9615, 25.7862
YIQ	59.7430, -34.8040, 25.0360

Conversions

Conversions Part 2

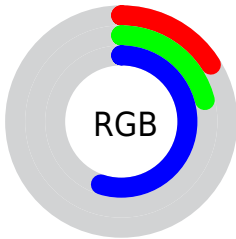
Format	Color
R_{YB}	42, 52, 141
Decimal	2766221
CIE _{Lab}	26.62, 26.21, -50.25
CIE _{LCh}	27, 56.673, 297.548
Yxy	4.9615, 0.1862, 0.1313
Android (android.graphics.Color)	4280956301 (0xFF2A358D)
YUV	59.7430, 40.0597, -15.5606
Hunter-Lab	22.2745, 17.4010, -53.0451

Details

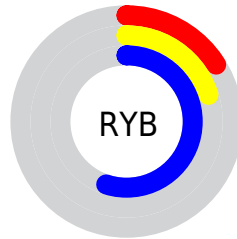
The Hex color **2A358D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8D822A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6564C3**, and **000C5A** is the 20% darker color. If you saturate the color by 10%, you get **1C288D**, and if you desaturate by 10%, it is **38428D**.

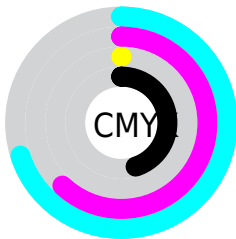
Distribution



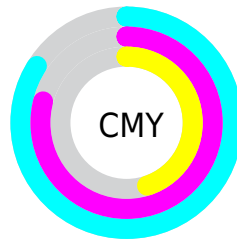
- Red (16%)
- Green (21%)
- Blue (55%)



- Red (16%)
- Yellow (20%)
- Blue (55%)



- Cyan (70%)
- Magenta (62%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (79%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A358D 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 2A358D by changing the saturation by 10% instead.

■ 2A358D

■ 2A358D

FFFFFF

■ 002073

■ 6564C3

■ 000C5A

■ 817CE0

■ 000042

■ 9D96FD

■ 00032A

■ B9B1FF

■ 000115

■ D6CDFF

■ 000000

■ F4E9FF

■ 2A358D

■ 2A358D

■ 1C288D

■ 38428D

■ 0E1C8D

■ 464E8D

■ 00108D

■ 545B8D

■ 62678D

■ 70748D

■ 7F808D

■ 8D8D8D

■ 9B998D

■ A9A68D

Harmonies

Analogous

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



004697



2A358D



6D166E

Triad

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



2A358D



712700



00503A

Complementary

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



2A358D



8D822A

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.



004D08



2A358D



513C00

Square

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



2A358D



84001A



274800



005066

Rectangle

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



2A358D



800053



274800



004F2B

Sweetspot

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



2A358D



9195B8



2A8D81



45475C



DBDBDB



5C5C5C

Same Dimension

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



2A358D



1D2FB8



502A8D



404147



000F87



000108

Inverse Universe

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



8D2A35



B81D2F



678D2A



474041



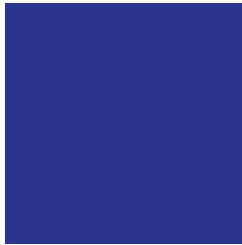
87000F



080001

Previews

White Background



This preview shows how the Hex color 2A358D looks on a white background.

Color Contrast Check

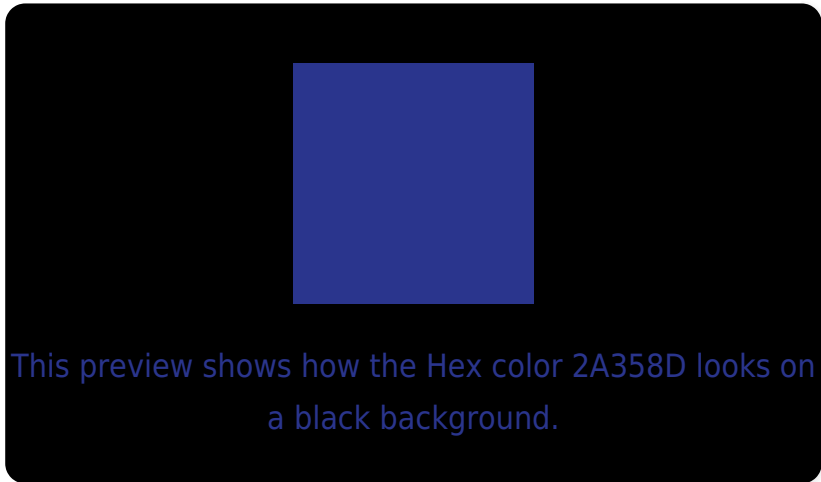
Large Text (above 18pt) WCAG AA ✓ Pass

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

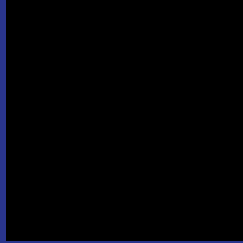
Any Text WCAG AA × Fail

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 2A358D Background



This preview shows how black text looks on a background with the Hex color 2A358D.



This preview shows how white text looks on a background with the Hex color 2A358D.

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
2A358D

Protanopia
003D81

Deuteranopia
00416E



Tritanopia
00464B

Trichromacy



Original Color
2A358D

Protanomaly
0F3A85

Deuteranomaly
0F3D79

Tritanomaly
0F4063

Monochromacy



Original Color
2A358D

Achromatopsia
3C3C3C

Achromatomaly
353959

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A358D 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 #2A358D looks like.

```
.text, #text, p{  
    color:#2A358D  
}
```

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 #2A358D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A358D
}
```

Border

The CSS property to change the border of an element to Hex 2A358D 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
#2A358D }
```

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

```
.border{ border-color:#2A358D }
```

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

Here you see how a box with a 4 pixel #2A358D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A358D; -webkit-box-shadow:4px 4px  
4px 4px #2A358D; box-shadow:4px 4px 4px  
4px #2A358D }
```

Background

The CSS property to change the background color of an element to Hex 2A358D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A358D }
```

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

```
.background{ background-color:#2A358D }
```

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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