

Converting Colors

Hex(2A338D)

Have a look what the booklet for
Hex(2A338D) contains.

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Color

Hex(2A338D)

Conversions

Conversions Part 1

Format	Color
Hex	2A338D
RGB	42, 51, 141
RGB Percent	16%, 20%, 55%
CMY	0.8353, 0.8000, 0.4471
CMYK	0.70, 0.64, 0.00, 0.45
HSL	235°, 54%, 36%
HSV	235°, 70%, 55%
XYZ	6.9464, 4.7830, 25.7564
YIQ	58.5690, -34.2540, 26.0820

Conversions

Conversions Part 2

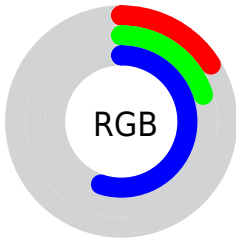
Format	Color
R_{YB}	42, 50, 141
Decimal	2765709
CIE _{Lab}	26.11, 27.55, -51.09
CIE _{LCh}	26, 58.047, 298.334
Yxy	4.7830, 0.1853, 0.1276
Android (android.graphics.Color)	4280955789 (0xFF2A338D)
YUV	58.5690, 40.6385, -14.5310
Hunter-Lab	21.8700, 18.4229, -54.5170

Details

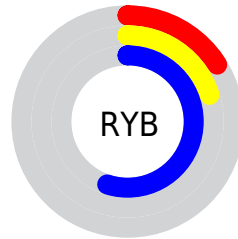
The Hex color **2A338D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8D842A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6561C4**, and **000A5A** is the 20% darker color. If you saturate the color by 10%, you get **1C268D**, and if you desaturate by 10%, it is **38408D**.

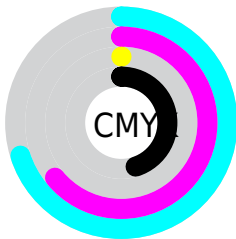
Distribution



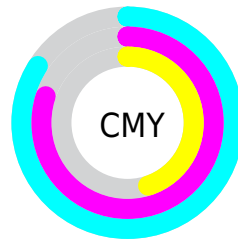
- Red (16%)
- Green (20%)
- Blue (55%)



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



- Cyan (70%)
- Magenta (64%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A338D 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 2A338D by changing the saturation by 10% instead.

■ 2A338D

■ 2A338D

FFFFFF

■ 001E73

■ 6561C4

■ 000A5A

■ 817AE0

■ 000042

■ 9D94FD

■ 00032A

■ BAAFFF

■ 000115

■ D7CAFF

■ 000000

■ F4E6FF

■ 2A338D

■ 2A338D

■ 1C268D

■ 38408D

■ 0E198D

■ 464D8D

■ 000D8D

■ 54598D

■ 62668D

■ 70738D

■ 7F808D

■ 8D8D8D

■ 9B9A8D

■ A9A68D

Harmonies

Analogous

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



004598



2A338D



6E106D

Triad

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



2A338D



702600



004F3A

Complementary

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



2A338D



8D842A

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.



004C07



2A338D



4F3B00

Square

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



2A338D



840017



224700



004F67

Rectangle

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



2A338D



810051



224700



004E2A

Sweetspot

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



2A338D



9195B8



2A8D83



45475C



DBDBDB



5C5C5C

Same Dimension

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



2A338D



1D2BB8



522A8D



404147



000C87



000108

Inverse Universe

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



8D2A33



B81D2B



658D2A



474041



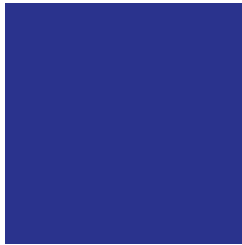
87000C



080001

Previews

White Background



This preview shows how the Hex color 2A338D looks on a white background.

Color Contrast Check

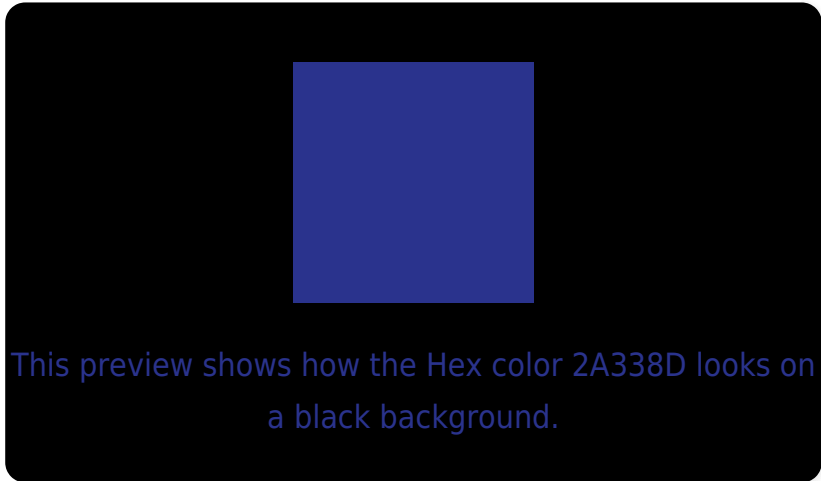
Large Text (above 18pt) WCAG AA ✓ Pass

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

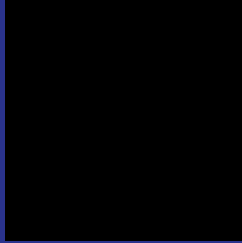
Any Text WCAG AA × Fail

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 2A338D Background



This preview shows how black text looks on a background with the Hex color 2A338D.



This preview shows how white text looks on a background with the Hex color 2A338D.

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
2A338D

Protanopia
003C7E

Deuteranopia
00406C

Trichromacy



Original Color
2A338D

Protanomaly
0F3983

Deuteranomaly
0F3B78

Tritanomaly
0F3E62

Monochromacy



Original Color
2A338D

Achromatopsia
3B3B3B

Achromatomaly
353859

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A338D 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 #2A338D looks like.

```
.text, #text, p{  
    color:#2A338D  
}
```

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 #2A338D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A338D
}
```

Border

The CSS property to change the border of an element to Hex 2A338D 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
#2A338D }
```

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

```
.border{ border-color:#2A338D }
```

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

Here you see how a box with a 4 pixel #2A338D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A338D; -webkit-box-shadow:4px 4px  
4px 4px #2A338D; box-shadow:4px 4px 4px  
4px #2A338D }
```

Background

The CSS property to change the background color of an element to Hex 2A338D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A338D }
```

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

```
.background{ background-color:#2A338D }
```

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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