

Converting Colors

Hex(2A38D9)

Have a look what the booklet for
Hex(2A38D9) contains.

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Color

Hex(2A38D9)

Conversions

Conversions Part 1

Format	Color
Hex	2A38D9
RGB	42, 56, 217
RGB Percent	16%, 22%, 85%
CMY	0.8353, 0.7804, 0.1490
CMYK	0.81, 0.74, 0.00, 0.15
HSL	235°, 70%, 51%
HSV	235°, 81%, 85%
XYZ	14.8934, 8.3303, 66.4686
YIQ	70.1680, -60.0250, 47.1030

Conversions

Conversions Part 2

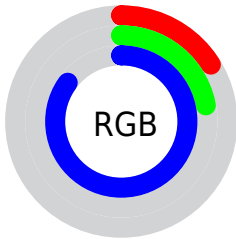
Format	Color
R_{YB}	42, 55, 217
Decimal	2767065
CIE _{Lab}	34.66, 51.19, -82.31
CIE _{LCh}	35, 96.933, 301.878
Yxy	8.3303, 0.1660, 0.0929
Android (android.graphics.Color)	4280957145 (0xFF2A38D9)
YUV	70.1680, 72.3882, -24.7033
Hunter-Lab	28.8623, 41.5996, -116.3384

Details

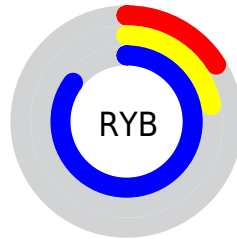
The Hex color **2A38D9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D9CB2A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7769FF**, and **000AA1** is the 20% darker color. If you saturate the color by 10%, you get **1424D9**, and if you desaturate by 10%, it is **404CD9**.

Distribution



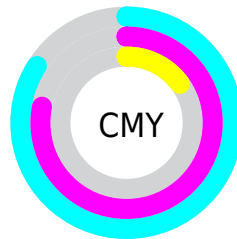
- Red (16%)
- Green (22%)
- Blue (85%)



- Red (16%)
- Yellow (22%)
- Blue (85%)



- Cyan (81%)
- Magenta (74%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (78%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A38D9 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 2A38D9 by changing the saturation by 10% instead.

■ 2A38D9

■ 2A38D9

FFFFFF

■ 0021BC

■ 7769FF

■ 000AA1

■ 9782FF

■ 000085

■ B79DFF

■ 00006B

■ D6B8FF

■ 000B52

■ F5D4FF

■ 00053A

■ FFF1FF

■ 000223

■ 00000A

■ 000000

■ 2A38D9

■ 2A38D9

■ 1424D9

■ 404CD9

■ 0011D9

■ 5560D9

■ 6B74D9

■ 8188D9

■ 969CD9

■ ACB0D9

■ C2C4D9

■ D8D8D9

■ EDECD9

Harmonies

Analogous

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



005EF2



2A38D9



AA009C

Triad

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



2A38D9



9B2700



006B55

Complementary

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



2A38D9



D9CB2A

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.



006800



2A38D9



605100

Square

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



2A38D9



C20003



006200



006DA3

Rectangle

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



2A38D9



C6006A



006200



006A39

Sweetspot

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



2A38D9



C2C7FF



2AD9CA



5B5D80



000000



808080

Same Dimension

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



2A38D9



081BFF



732AD9



63646E



000EAD



00042E

Inverse Universe

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



D92A38



FF081B



90D92A



6E6364



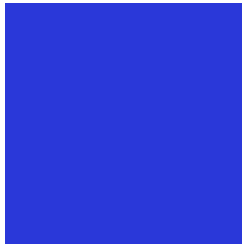
AD000E



2E0004

Previews

White Background



This preview shows how the Hex color 2A38D9 looks on a white background.

Color Contrast Check

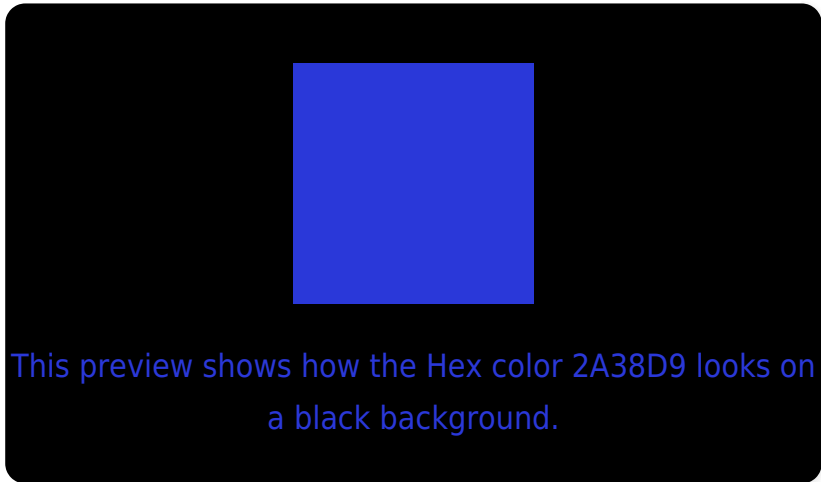
Large Text (above 18pt) WCAG AA ✓ Pass

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

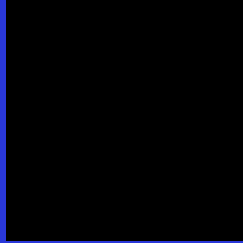
Any Text WCAG AA × Fail

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 2A38D9 Background



This preview shows how black text looks on a background with the Hex color 2A38D9.



This preview shows how white text looks on a background with the Hex color 2A38D9.

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
2A38D9

Protanopia
004EA4

Deuteranopia
00538C



Tritanopia
005A5F

Trichromacy



Original Color
2A38D9

Protanomaly
0F46B7

Deuteranomaly
0F49A8

Tritanomaly
0F4E8B

Monochromacy



Original Color
2A38D9

Achromatopsia
464646

Achromatomaly
3C417B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A38D9 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 #2A38D9 looks like.

```
.text, #text, p{  
    color:#2A38D9  
}
```

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 #2A38D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A38D9
}
```

Border

The CSS property to change the border of an element to Hex 2A38D9 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
#2A38D9 }
```

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

```
.border{ border-color:#2A38D9 }
```

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

Here you see how a box with a 4 pixel #2A38D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A38D9; -webkit-box-shadow:4px 4px  
4px 4px #2A38D9; box-shadow:4px 4px 4px  
4px #2A38D9 }
```

Background

The CSS property to change the background color of an element to Hex 2A38D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A38D9 }
```

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

```
.background{ background-color:#2A38D9 }
```

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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