

Converting Colors

Hex(2A28B1)

Have a look what the booklet for
Hex(2A28B1) contains.

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Color

Hex(2A28B1)

Conversions

Conversions Part 1

Format	Color
Hex	2A28B1
RGB	42, 40, 177
RGB Percent	16%, 16%, 69%
CMY	0.8353, 0.8431, 0.3059
CMYK	0.76, 0.77, 0.00, 0.31
HSL	241°, 63%, 43%
HSV	241°, 77%, 69%
XYZ	9.6494, 5.1841, 42.0870
YIQ	56.2160, -42.7850, 43.0310

Conversions

Conversions Part 2

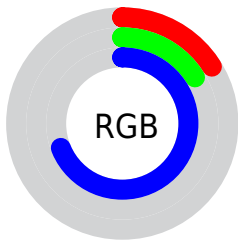
Format	Color
R _Y B	42, 40, 177
Decimal	2762929
CIE Lab	27.25, 46.82, -71.11
CIE LCh	27, 85.141, 303.358
Yxy	5.1841, 0.1695, 0.0911
Android (android.graphics.Color)	4280953009 (0xFF2A28B1)
YUV	56.2160, 59.5465, -12.4674
Hunter-Lab	22.7687, 35.8035, -93.6570

Details

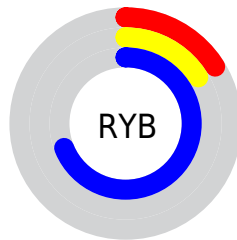
The Hex color **2A28B1** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **AFB128**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6E58EA**, and **00007B** is the 20% darker color. If you saturate the color by 10%, you get **1916B1**, and if you desaturate by 10%, it is **3B3AB1**.

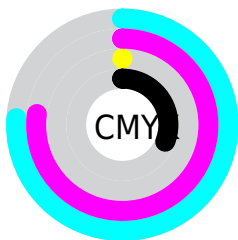
Distribution



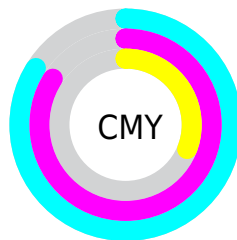
- Red (16%)
- Green (16%)
- Blue (69%)



- Red (16%)
- Yellow (16%)
- Blue (69%)



- Cyan (76%)
- Magenta (77%)
- Yellow (0%)
- Black (31%)



- Cyan (84%)
- Magenta (84%)
- Yellow (31%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A28B1 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 2A28B1 by changing the saturation by 10% instead.

■ 2A28B1

■ 2A28B1

FFFFFF

■ 001196

■ 6E58EA

■ 00007B

■ 8D71FF

■ 000061

■ AB8BFF

■ 000848

■ C9A6FF

■ 000431

■ E7C1FF

■ 00011B

■ FFDFFF

■ 000000

■ FFFAFF

■ 2A28B1

■ 2A28B1

■ 1916B1

■ 3B3AB1

■ 0705B1

■ 4D4BB1

■ 0300B1

■ 5E5DB1

■ 706FB1

■ 8181B1

■ 9392B1

■ A4A4B1

■ B6B6B1

■ C7C7B1

Harmonies

Analogous

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



004AC8



2A28B1



8E007C

Triad

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



2A28B1



7B1F00



005647

Complementary

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



2A28B1



AFB128

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.



005400



2A28B1



494100

Square

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



2A28B1



9E0000



004F00



005788

Rectangle

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



2A28B1



A40052



004F00



00552F

Sweetspot

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



2A28B1



B1B1E6



28B1B1



535373



F2F2F2



737373

Same Dimension

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



2A28B1



1310E6



6D28B1



505059



020099



00001A

Inverse Universe

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



B128AF



E610E2



6DB128



595059



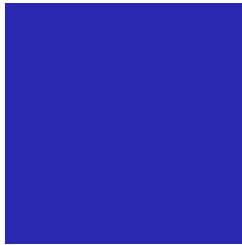
990097



1A0019

Previews

White Background



This preview shows how the Hex color 2A28B1 looks on a white background.

Color Contrast Check

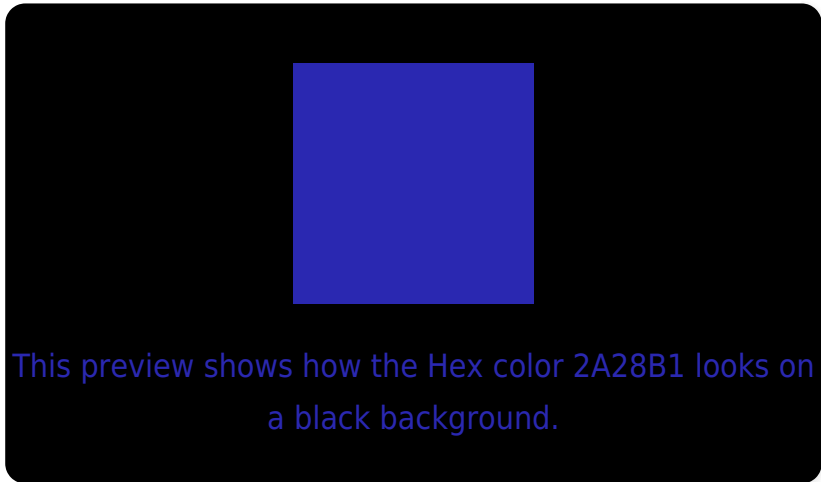
Large Text (above 18pt) WCAG AA ✓ Pass

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

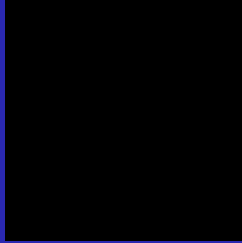
Any Text WCAG AA × Fail

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 2A28B1 Background



This preview shows how black text looks on a background with the Hex color 2A28B1.



This preview shows how white text looks on a background with the Hex color 2A28B1.

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
2A28B1

Protanopia
003E83

Deuteranopia
00426F



Tritanopia
00484C

Trichromacy



Original Color
2A28B1

Protanomaly
0F3694

Deuteranomaly
0F3987

Tritanomaly
0F3C71

Monochromacy



Original Color
2A28B1

Achromatopsia
383838

Achromatomaly
333264

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A28B1 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 #2A28B1 looks like.

```
.text, #text, p{  
    color:#2A28B1  
}
```

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 #2A28B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A28B1
}
```

Border

The CSS property to change the border of an element to Hex 2A28B1 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
#2A28B1 }
```

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

```
.border{ border-color:#2A28B1 }
```

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

Here you see how a box with a 4 pixel #2A28B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A28B1; -webkit-box-shadow:4px 4px  
4px 4px #2A28B1; box-shadow:4px 4px 4px  
4px #2A28B1 }
```

Background

The CSS property to change the background color of an element to Hex 2A28B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A28B1 }
```

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

```
.background{ background-color:#2A28B1 }
```

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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