

Converting Colors

Hex(2851AD)

Have a look what the booklet for
Hex(2851AD) contains.

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Color

Hex(2851AD)

Conversions

Conversions Part 1

Format	Color
Hex	2851AD
RGB	40, 81, 173
RGB Percent	16%, 32%, 68%
CMY	0.8431, 0.6824, 0.3216
CMYK	0.77, 0.53, 0.00, 0.32
HSL	222°, 62%, 42%
HSV	222°, 77%, 68%
XYZ	11.3603, 9.3531, 40.7417
YIQ	79.2290, -53.9680, 19.9200

Conversions

Conversions Part 2

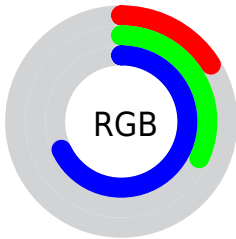
Format	Color
R_{YB}	40, 71, 173
Decimal	2642349
CIE _{Lab}	36.66, 19.33, -53.33
CIE _{LCh}	37, 56.730, 289.923
Yxy	9.3531, 0.1849, 0.1522
Android (android.graphics.Color)	4280832429 (0xFF2851AD)
YUV	79.2290, 46.2291, -34.4038
Hunter-Lab	30.5828, 12.7858, -57.5767

Details

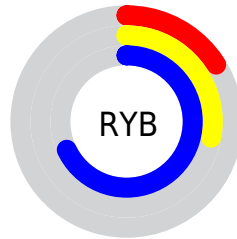
The Hex color **2851AD** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AD8428**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6982E5**, and **002678** is the 20% darker color. If you saturate the color by 10%, you get **1745AD**, and if you desaturate by 10%, it is **395DAD**.

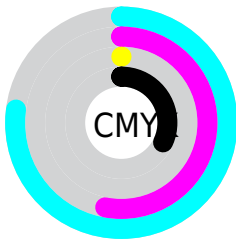
Distribution



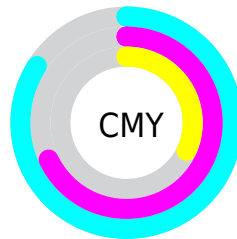
- Red (16%)
- Green (32%)
- Blue (68%)



- Red (16%)
- Yellow (28%)
- Blue (68%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (32%)



- Cyan (84%)
- Magenta (68%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2851AD 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 2851AD by changing the saturation by 10% instead.

■ 2851AD

■ 2851AD

FFFFFF

■ 003A92

■ 6982E5

■ 002678

■ 869CFF

■ 00135E

■ A4B6FF

■ 000446

■ C1D2FF

■ 00042F

■ DEEEFF

■ 000119

FDFFFF

■ 000000

■ 2851AD

■ 2851AD

■ 1745AD

■ 395DAD

■ 0539AD

■ 4B69AD

■ 0035AD

■ 5C75AD

■ 6D81AD

■ 7F8DAD

■ 9099AD

■ A1A5AD

■ B2B1AD

■ C4BDAD

Harmonies

Analogous

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



0060B1



2851AD



7C3992

Triad

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



2851AD



95390D



006945

Complementary

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



2851AD



AD8428

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.



006513



2851AD



764F00

Square

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



2851AD



A5213A



4D5D00



006A74

Rectangle

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



2851AD



972877



4D5D00



006835

Sweetspot

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



2851AD



ADBDE0



28AD83



515A70



F0F0F0



707070

Same Dimension

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



2851AD



1252E0



4028AD



4E5157



002E96



000717

Inverse Universe

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



AD2851



E01252



95AD28



574E51



96002E



170007

Previews

White Background



This preview shows how the Hex color 2851AD looks on a white background.

Color Contrast Check

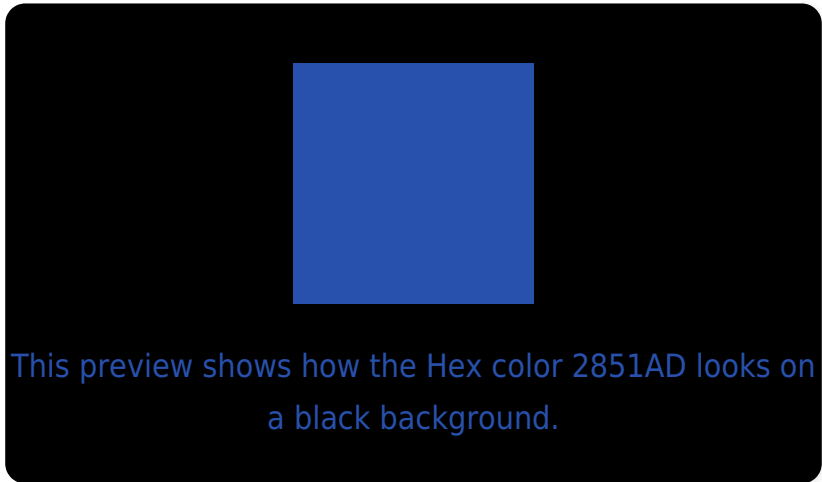
Large Text (above 18pt) WCAG AA ✓ Pass

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

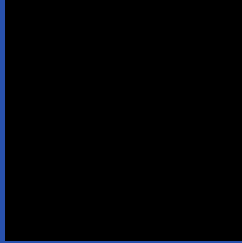
Any Text WCAG AA × Fail

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 2851AD Background



This preview shows how black text looks on a background with the Hex color 2851AD.



This preview shows how white text looks on a background with the Hex color 2851AD.

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
2851AD

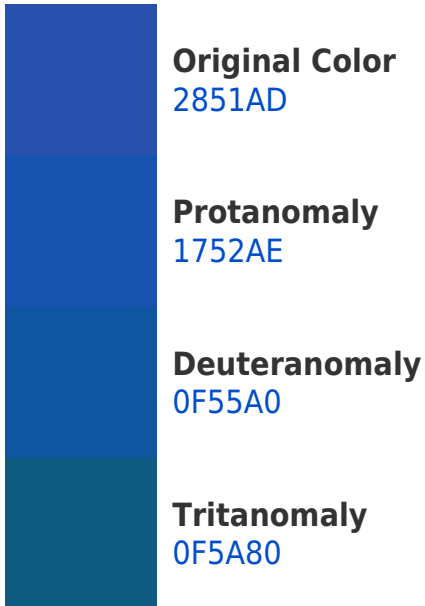
Protanopia
0E53AF

Deuteranopia
005898

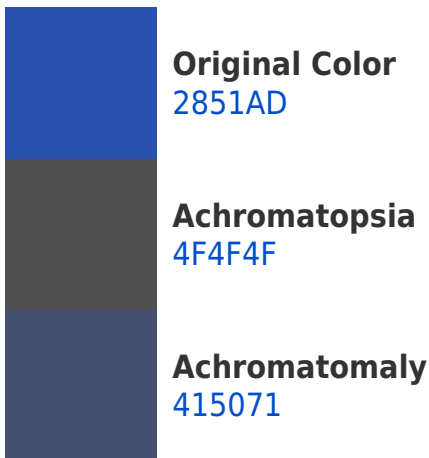


Tritanopia
005F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2851AD 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 #2851AD looks like.

```
.text, #text, p{  
    color:#2851AD  
}
```

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 #2851AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2851AD }  
}
```

Border

The CSS property to change the border of an element to Hex 2851AD 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 #2851AD }  
}
```

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

```
.border{ border-color:#2851AD }
```

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

Here you see how a box with a 4 pixel #2851AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2851AD; -webkit-box-shadow:4px 4px  
4px 4px #2851AD; box-shadow:4px 4px 4px  
4px #2851AD }
```

Background

The CSS property to change the background color of an element to Hex 2851AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2851AD }
```

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

```
.background{ background-color:#2851AD }
```

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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