

# Converting Colors

Hex(2821BA)

Have a look what the booklet for  
Hex(2821BA) contains.

<b>Hex(2821BA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(2821BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2821BA
RGB	40, 33, 186
RGB Percent	16%, 13%, 73%
CMY	0.8431, 0.8706, 0.2706
CMYK	0.78, 0.82, 0.00, 0.27
HSL	243°, 70%, 43%
HSV	243°, 82%, 73%
XYZ	10.2819, 5.0840, 46.8938
YIQ	52.5350, -44.9410, 49.0670

# Conversions

## Conversions Part 2

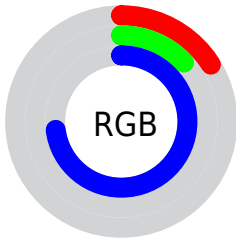
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 33, 186
Decimal	2630074
CIE <sub>Lab</sub>	26.97, 53.01, -76.95
CIE <sub>LCh</sub>	27, 93.439, 304.565
Yxy	5.0840, 0.1651, 0.0817
Android (android.graphics.Color)	4280820154 (0xFF2821BA)
YUV	52.5350, 65.7982, -10.9932
Hunter-Lab	22.5477, 41.9382, -107.5253

# Details

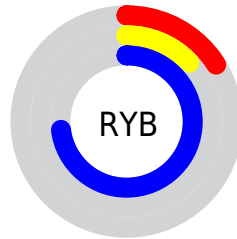
The Hex color **2821BA** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B3BA21**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7052F3**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **160EBA**, and if you desaturate by 10%, it is **3A34BA**.

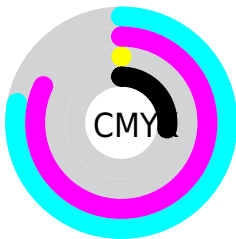
# Distribution



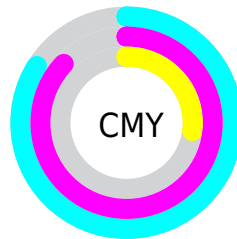
- Red (16%)
- Green (13%)
- Blue (73%)



- Red (16%)
- Yellow (13%)
- Blue (73%)



- Cyan (78%)
- Magenta (82%)
- Yellow (0%)
- Black (27%)



- Cyan (84%)
- Magenta (87%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2821BA 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 2821BA by changing the saturation by 10% instead.



 2821BA

 2821BA

FFFFFF

 00069E

 7052F3

 000083

 8F6BFF

 000069

 AE85FF

 000A50

 CCA0FF

 000538

 EBBCFF

 000221

 FFD8FF

 000007

 FFF5FF

 000000

 2821BA

 2821BA

■ 160EBA

■ 3A34BA

■ 0900BA

■ 4B46BA

■ 5D59BA

■ 6F6BBA

■ 817EBA

■ 9291BA

■ A4A3BA

■ B6B6BA

■ C8C8BA

# Harmonies

## Analogous

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



004AD5



2821BA



96007F

# Triad

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



2821BA



7D1B00



00564A

# Complementary

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



2821BA



B3BA21

# 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



2821BA



454200

# Square

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



2821BA



A30000



004F00



005892

# Rectangle

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



2821BA



AC0050



004F00



005530



# Sweetspot

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



2821BA



B8B6F2



21B5BA



57567A



FAFAFA



7A7A7A



# Same Dimension

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



2821BA



0D02F2



7321BA



53535C



07009C



01001C



# Inverse Universe

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



BA21B3



F202E7



68BA21



5C535B



9C0094

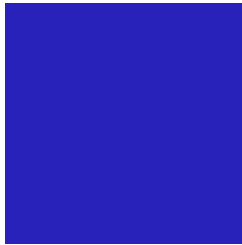


1C001B



# Previews

## White Background



This preview shows how the Hex color 2821BA looks on a white background.

## Color Contrast Check

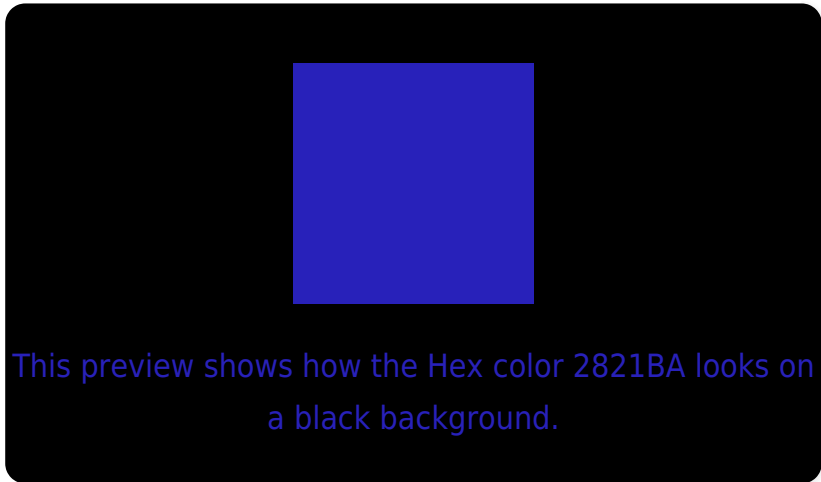
Large Text (above 18pt) WCAG AA ✓ Pass

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

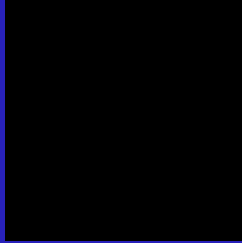
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2821BA Background



This preview shows how black text looks on a background with the Hex color 2821BA.



This preview shows how white text looks on a background with the Hex color 2821BA.

# 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**  
2821BA

**Protanopia**  
003E82

**Deuteranopia**  
00426E



**Tritanopia**  
00474B

# Trichromacy



**Original Color**  
2821BA

**Protanomaly**  
0F3396

**Deuteranomaly**  
0F368A

**Tritanomaly**  
0F3973

# Monochromacy



**Original Color**  
2821BA

**Achromatopsia**  
353535

**Achromatomaly**  
302E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2821BA 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 #2821BA looks like.

```
.text, #text, p{  
    color:#2821BA  
}
```

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 #2821BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2821BA
}
```

## Border

The CSS property to change the border of an element to Hex 2821BA 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
#2821BA }
```

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

```
.border{ border-color:#2821BA }
```

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

Here you see how a box with a 4 pixel #2821BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2821BA; -webkit-box-shadow:4px 4px  
4px 4px #2821BA; box-shadow:4px 4px 4px  
4px #2821BA }
```

# Background

The CSS property to change the background color of an element to Hex 2821BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2821BA }
```

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

```
.background{ background-color:#2821BA }
```

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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