

Converting Colors

Hex(2831B6)

Have a look what the booklet for
Hex(2831B6) contains.

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Color

Hex(2831B6)

Conversions

Conversions Part 1

Format	Color
Hex	2831B6
RGB	40, 49, 182
RGB Percent	16%, 19%, 71%
CMY	0.8431, 0.8078, 0.2863
CMYK	0.78, 0.73, 0.00, 0.29
HSL	236°, 64%, 44%
HSV	236°, 78%, 71%
XYZ	10.4169, 6.0251, 44.8699
YIQ	61.4710, -48.0570, 39.4550

Conversions

Conversions Part 2

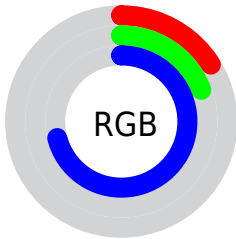
Format	Color
R_{YB}	40, 48, 182
Decimal	2634166
CIE _{Lab}	29.48, 43.26, -70.42
CIE _{LCh}	29, 82.651, 301.562
Yxy	6.0251, 0.1699, 0.0983
Android (android.graphics.Color)	4280824246 (0xFF2831B6)
YUV	61.4710, 59.4208, -18.8301
Hunter-Lab	24.5462, 32.7959, -91.1987

Details

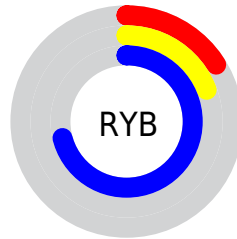
The Hex color **2831B6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B6AD28**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6E60EF**, and **000680** is the 20% darker color. If you saturate the color by 10%, you get **1620B6**, and if you desaturate by 10%, it is **3A42B6**.

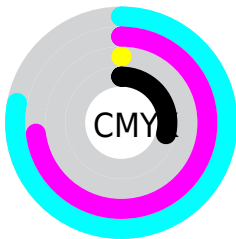
Distribution



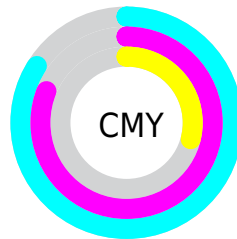
- Red (16%)
- Green (19%)
- Blue (71%)



- Red (16%)
- Yellow (19%)
- Blue (71%)



- Cyan (78%)
- Magenta (73%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (81%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2831B6 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 2831B6 by changing the saturation by 10% instead.


 2831B6

 2831B6

FFFFFF

 001B9A

 6E60EF

 000680

 8C7AFF

 000066

 AA94FF

 00094D

 C8AFFF

 000535

 E7CAFF

 00021F

 FFE6FF

 000001

 000000

 2831B6

 2831B6

■ 1620B6

■ 3A42B6

■ 040FB6

■ 4C53B6

■ 000CB6

■ 5F64B6

■ 7175B6

■ 8386B6

■ 9597B6

■ A7A8B6

■ BAB9B6

■ CCCAB6

Harmonies

Analogous

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



004FCA



2831B6



8F0084

Triad

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



2831B6



832300



005B47

Complementary

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



2831B6



B6AD28

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.



005900



2831B6



534500

Square

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



2831B6



A40004



005300



005D88

Rectangle

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



2831B6



A7005B



005300



005B31

Sweetspot

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



2831B6



B7BAED



28B6AD



565878



F7F7F7



787878

Same Dimension

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



2831B6



0E1CED



6628B6



53535C



000A9C



00021C

Inverse Universe

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



B62831



ED0E1C



78B628



5C5353



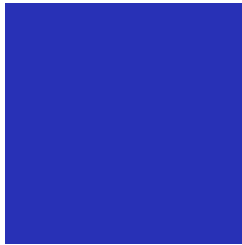
9C000A



1C0002

Previews

White Background



This preview shows how the Hex color 2831B6 looks on a white background.

Color Contrast Check

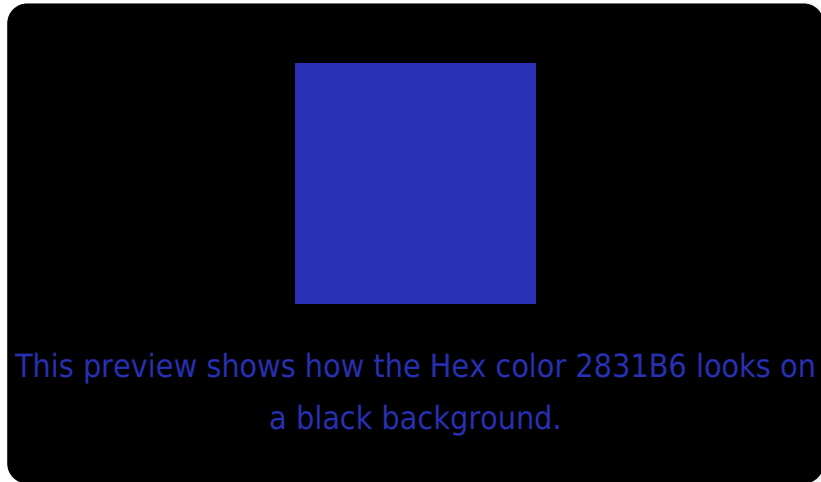
Large Text (above 18pt) WCAG AA ✓ Pass

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

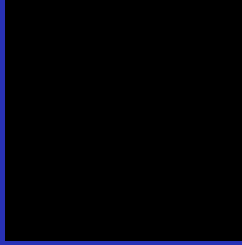
Any Text WCAG AA × Fail

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 2831B6 Background



This preview shows how black text looks on a background with the Hex color 2831B6.



This preview shows how white text looks on a background with the Hex color 2831B6.

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
2831B6

Protanopia
00438D

Deuteranopia
004778

Trichromacy



Original Color
2831B6

Protanomaly
0F3C9C

Deuteranomaly
0F3F8F

Tritanomaly
0F4376

Monochromacy



Original Color
2831B6

Achromatopsia
3D3D3D

Achromatomaly
353969

CSS Examples

Text

The CSS property to change the color of the text to Hex 2831B6 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 #2831B6 looks like.

```
.text, #text, p{  
    color:#2831B6  
}
```

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 #2831B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2831B6
}
```

Border

The CSS property to change the border of an element to Hex 2831B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

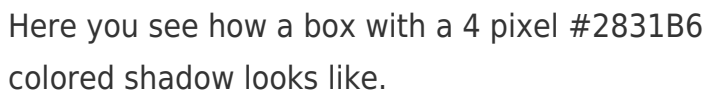
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2831B6 }
```

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

```
.border{ border-color:#2831B6 }
```

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



Here you see how a box with a 4 pixel #2831B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2831B6; -webkit-box-shadow:4px 4px  
4px 4px #2831B6; box-shadow:4px 4px 4px  
4px #2831B6 }
```

Background

The CSS property to change the background color of an element to Hex 2831B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2831B6 }
```

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

```
.background{ background-color:#2831B6 }
```

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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