

Converting Colors

Hex(2830B5)

Have a look what the booklet for
Hex(2830B5) contains.

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Color

Hex(2830B5)

Conversions

Conversions Part 1

Format	Color
Hex	2830B5
RGB	40, 48, 181
RGB Percent	16%, 19%, 71%
CMY	0.8431, 0.8118, 0.2902
CMYK	0.78, 0.73, 0.00, 0.29
HSL	237°, 64%, 43%
HSV	237°, 78%, 71%
XYZ	10.2725, 5.9012, 44.3137
YIQ	60.7700, -47.4610, 39.6670

Conversions

Conversions Part 2

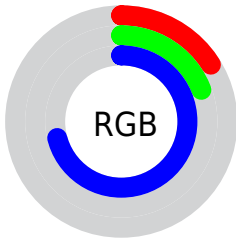
Format	Color
R _Y B	40, 48, 181
Decimal	2633909
CIE Lab	29.16, 43.50, -70.35
CIE LCh	29, 82.714, 301.733
Yxy	5.9012, 0.1698, 0.0976
Android (android.graphics.Color)	4280823989 (0xFF2830B5)
YUV	60.7700, 59.2734, -18.2153
Hunter-Lab	24.2924, 32.9704, -91.1508

Details

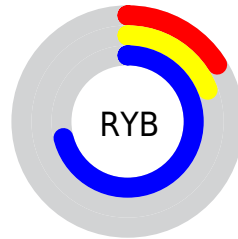
The Hex color **2830B5** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B5AD28**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6E5FEE**, and **00057F** is the 20% darker color. If you saturate the color by 10%, you get **161FB5**, and if you desaturate by 10%, it is **3A41B5**.

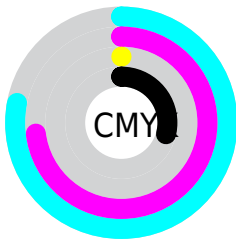
Distribution



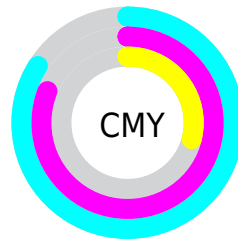
- Red (16%)
- Green (19%)
- Blue (71%)



- 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 2830B5 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 2830B5 by changing the saturation by 10% instead.

■ 2830B5

■ 2830B5

FFFFFF

■ 001A99

■ 6E5FEE

■ 00057F

■ 8C79FF

■ 000065

■ AA93FF

■ 00094C

■ C8ADFF

■ 000434

■ E6C9FF

■ 00021E

■ FFE5FF

■ 000000

■ 2830B5

■ 2830B5

■ 161FB5

■ 3A41B5

040EB5

4C52B5

000AB5

5E63B5

7074B5

8385B5

9596B5

A7A8B5

B9B9B5

CBCAB5

Harmonies

Analogous

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



004FC9



2830B5



8E0083

Triad

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



2830B5



822300



005A47

Complementary

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



2830B5



B5AD28

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.



005800



2830B5



524400

Square

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



2830B5



A30003



005200



005C88

Rectangle

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



2830B5



A60059



005200



005A30

Sweetspot

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



2830B5



B5B8EB



28B5AC



545675



F5F5F5



757575

Same Dimension

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



2830B5



101DEB



6528B5



505159



000999



00011A

Inverse Universe

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



B52830



EB101D



78B528



595051



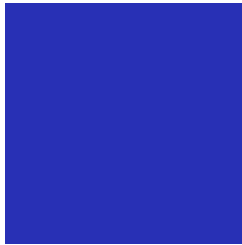
990009



1A0001

Previews

White Background



This preview shows how the Hex color 2830B5 looks on a white background.

Color Contrast Check

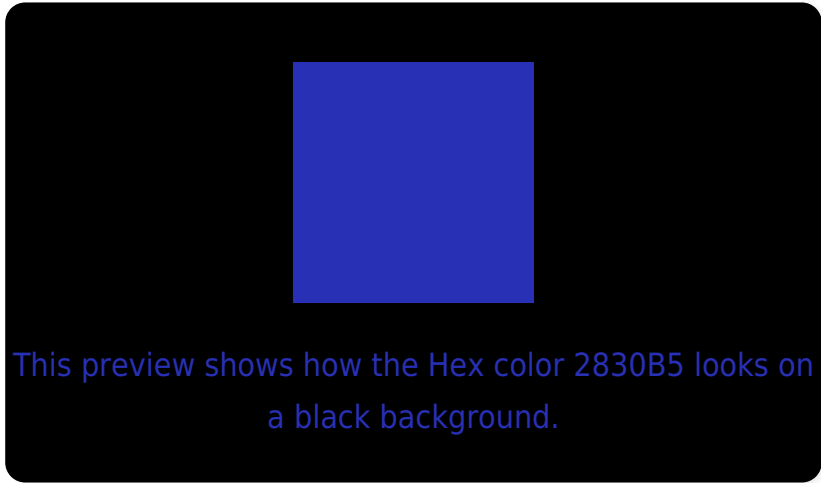
Large Text (above 18pt) WCAG AA ✓ Pass

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

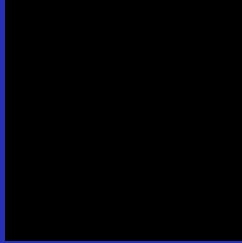
Any Text WCAG AA × Fail

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 2830B5 Background



This preview shows how black text looks on a background with the Hex color 2830B5.



This preview shows how white text looks on a background with the Hex color 2830B5.

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
2830B5

Protanopia
00428B

Deuteranopia
004777



Tritanopia
004C51

Trichromacy



Original Color
2830B5

Protanomaly
0F3B9A

Deuteranomaly
0F3F8E

Tritanomaly
0F4275

Monochromacy



Original Color
2830B5

Achromatopsia
3D3D3D

Achromatomaly
353869

CSS Examples

Text

The CSS property to change the color of the text to Hex 2830B5 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 #2830B5 looks like.

```
.text, #text, p{  
    color:#2830B5  
}
```

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 #2830B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2830B5
}
```

Border

The CSS property to change the border of an element to Hex 2830B5 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
#2830B5 }
```

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

```
.border{ border-color:#2830B5 }
```

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

Here you see how a box with a 4 pixel #2830B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2830B5; -webkit-box-shadow:4px 4px  
4px 4px #2830B5; box-shadow:4px 4px 4px  
4px #2830B5 }
```

Background

The CSS property to change the background color of an element to Hex 2830B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2830B5 }
```

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

```
.background{ background-color:#2830B5 }
```

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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