

Converting Colors

Hex(2847AF)

Have a look what the booklet for
Hex(2847AF) contains.

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Color

Hex(2847AF)

Conversions

Conversions Part 1

Format	Color
Hex	2847AF
RGB	40, 71, 175
RGB Percent	16%, 28%, 69%
CMY	0.8431, 0.7216, 0.3137
CMYK	0.77, 0.59, 0.00, 0.31
HSL	226°, 63%, 42%
HSV	226°, 77%, 69%
XYZ	10.8662, 8.0527, 41.5391
YIQ	73.5870, -51.8600, 25.7720

Conversions

Conversions Part 2

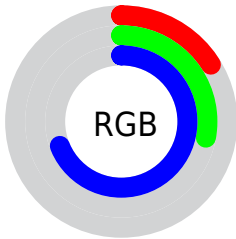
Format	Color
R_{YB}	40, 65, 175
Decimal	2639791
CIE _{Lab}	34.09, 26.75, -58.69
CIE _{LCh}	34, 64.498, 294.507
Yxy	8.0527, 0.1797, 0.1332
Android (android.graphics.Color)	4280829871 (0xFF2847AF)
YUV	73.5870, 49.9966, -29.4558
Hunter-Lab	28.3773, 18.6904, -66.9252

Details

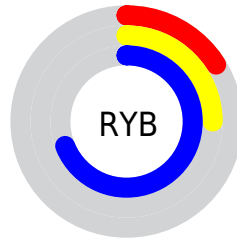
The Hex color **2847AF** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AF9028**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6A77E7**, and **001D79** is the 20% darker color. If you saturate the color by 10%, you get **163AAF**, and if you desaturate by 10%, it is **3954AF**.

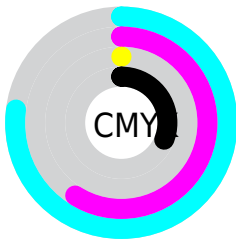
Distribution



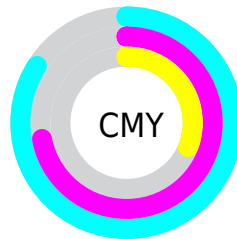
- Red (16%)
- Green (28%)
- Blue (69%)



- Red (16%)
- Yellow (25%)
- Blue (69%)



- Cyan (77%)
- Magenta (59%)
- Yellow (0%)
- Black (31%)



- Cyan (84%)
- Magenta (72%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2847AF 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 2847AF by changing the saturation by 10% instead.

■ 2847AF

■ 2847AF

FFFFFF

■ 003194

■ 6A77E7

■ 001D79

■ 8891FF

■ 000860

■ A5ABFF

■ 000747

■ C3C6FF

■ 000430

■ E0E2FF

■ 00011A

■ 000000

■ 2847AF

■ 2847AF

■ 163AAF

■ 3954AF

■ 052CAF

■ 4B62AF

■ 0028AF

■ 5C6FAF

■ 6E7DAF

■ 7F8AAF

■ 9198AF

■ A3A5AF

■ B4B3AF

■ C6C0AF

Harmonies

Analogous

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



005AB8



2847AF



82268D

Triad

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



2847AF



8F3200



006445

Complementary

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



2847AF



AF9028

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.



006107



2847AF



6B4B00

Square

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



2847AF



A4002A



3A5A00



00657A

Rectangle

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



2847AF



9C006D



3A5A00



006433

Sweetspot

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



2847AF



AFBBE3



28AF90



535A73



F2F2F2



737373

Same Dimension

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



2847AF



1040E3



4C28AF



4E5057



002396



000517

Inverse Universe

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



AF2847



E31040



8BAF28



574E50



960023



170005

Previews

White Background



This preview shows how the Hex color 2847AF looks on a white background.

Color Contrast Check

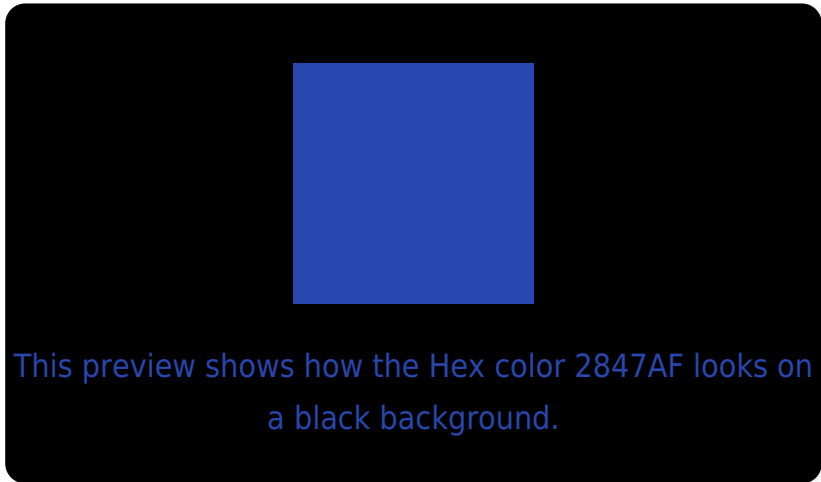
Large Text (above 18pt) WCAG AA ✓ Pass

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

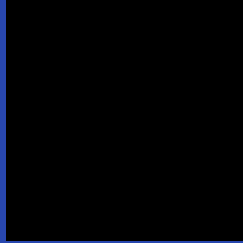
Any Text WCAG AA × Fail

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 2847AF Background



This preview shows how black text looks on a background with the Hex color 2847AF.



This preview shows how white text looks on a background with the Hex color 2847AF.

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
2847AF

Protanopia
004DA3

Deuteranopia
00528C



Tritanopia
00595F

Trichromacy



Original Color
2847AF

Protanomaly
0F4BA7

Deuteranomaly
0F4E99

Tritanomaly
0F527C

Monochromacy



Original Color
2847AF

Achromatopsia
4A4A4A

Achromatomaly
3E496F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2847AF 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 #2847AF looks like.

```
.text, #text, p{  
    color:#2847AF  
}
```

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 #2847AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2847AF }  
}
```

Border

The CSS property to change the border of an element to Hex 2847AF 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 #2847AF }  
}
```

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

```
.border{ border-color:#2847AF }
```

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

Here you see how a box with a 4 pixel #2847AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2847AF; -webkit-box-shadow:4px 4px  
4px 4px #2847AF; box-shadow:4px 4px 4px  
4px #2847AF }
```

Background

The CSS property to change the background color of an element to Hex 2847AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2847AF }
```

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

```
.background{ background-color:#2847AF }
```

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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