

Converting Colors

Hex(2843A4)

Have a look what the booklet for
Hex(2843A4) contains.

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Color

Hex(2843A4)

Conversions

Conversions Part 1

Format	Color
Hex	2843A4
RGB	40, 67, 164
RGB Percent	16%, 26%, 64%
CMY	0.8431, 0.7373, 0.3569
CMYK	0.76, 0.59, 0.00, 0.36
HSL	227°, 61%, 40%
HSV	227°, 76%, 64%
XYZ	9.5831, 7.1458, 35.9961
YIQ	69.9850, -47.2290, 24.4430

Conversions

Conversions Part 2

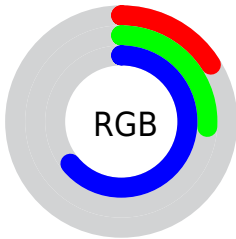
Format	Color
RYB	40, 62, 164
Decimal	2638756
CIELab	32.14, 25.23, -55.30
CIELCh	32, 60.782, 294.526
Yxy	7.1458, 0.1818, 0.1355
Android (android.graphics.Color)	4280828836 (0xFF2843A4)
YUV	69.9850, 46.3494, -26.2968
Hunter-Lab	26.7316, 17.2107, -61.1266




Details

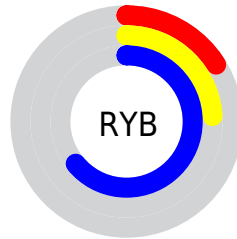
The Hex color **2843A4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A48928**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **6873DC**, and **00196F** is the 20% darker color. If you saturate the color by 10%, you get **1836A4**, and if you desaturate by 10%, it is **3850A4**.

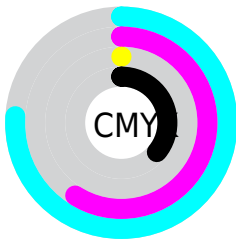
Distribution







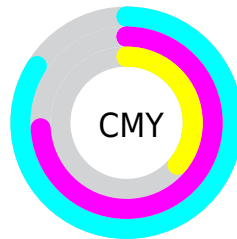
-  Red (16%)
-  Green (26%)
-  Blue (64%)






-  Red (16%)
-  Yellow (24%)
-  Blue (64%)



-  Cyan (76%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (84%)
-  Magenta (74%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2843A4 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 2843A4 by changing the saturation by 10% instead.



2843A4



2843A4

FFFFFF



002D89



6873DC



00196F



858CF9



000056



A2A6FF



00063E



BFC1FF



000327



DCDDFF



000110



FAFAFF



000000



2843A4



2843A4



1836A4



3850A4

■ 0729A4

■ 495DA4

■ 0024A4

■ 5969A4

■ 6A76A4

■ 7A83A4

■ 8A90A4

■ 9B9DA4

■ ABAAA4

■ BCB6A4

Harmonies

Analogous

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



0055AC



2843A4



7A2584

Triad

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



2843A4



872F00



005F41

Complementary

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



2843A4



A48928

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.



005B09



2843A4



654700

Square

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



2843A4



9A0528



385400



005F72

Rectangle

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



2843A4



920366



385400



005E30

Sweetspot

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



2843A4



A5B0D6



28A487



4D546B



EBEBEB



6B6B6B

Same Dimension

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



2843A4



133ED6



4928A4



494B52



002091



000412

Inverse Universe

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



A42843



D6133E



83A428



52494B



910020



120004

Previews

White Background



This preview shows how the Hex color 2843A4 looks on a white background.

Color Contrast Check

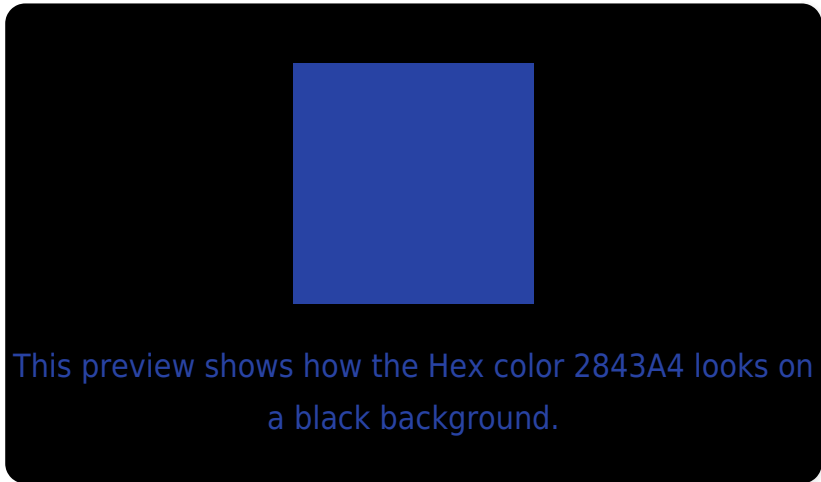
Large Text (above 18pt) WCAG AA ✓ Pass

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

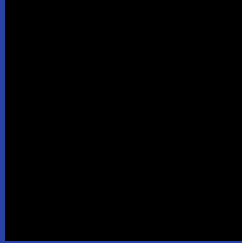
Any Text WCAG AA × Fail

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 2843A4 Background



This preview shows how black text looks on a background with the Hex color 2843A4.

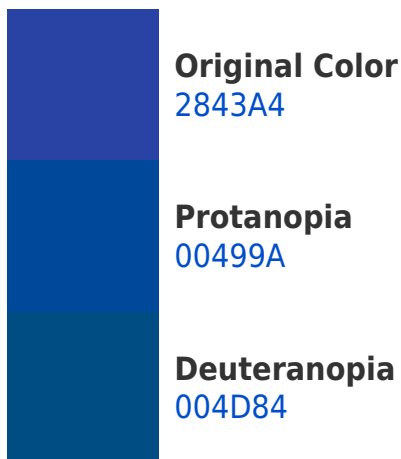


This preview shows how white text looks on a background with the Hex color 2843A4.

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



Trichromacy



Original Color
2843A4

Protanomaly
0F479E

Deuteranomaly
0F4990

Tritanomaly
0F4E74

Monochromacy



Original Color
2843A4

Achromatopsia
464646

Achromatomaly
3B4568

CSS Examples

Text

The CSS property to change the color of the text to Hex 2843A4 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 #2843A4 looks like.

```
.text, #text, p{  
    color:#2843A4  
}
```

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 #2843A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2843A4
}
```

Border

The CSS property to change the border of an element to Hex 2843A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

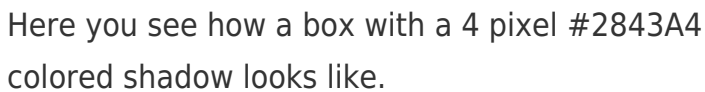
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2843A4 }
```

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

```
.border{ border-color:#2843A4 }
```

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



Here you see how a box with a 4 pixel #2843A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2843A4; -webkit-box-shadow:4px 4px  
4px 4px #2843A4; box-shadow:4px 4px 4px  
4px #2843A4 }
```

Background

The CSS property to change the background color of an element to Hex 2843A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2843A4 }
```

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

```
.background{ background-color:#2843A4 }
```

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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