

Converting Colors

Hex(2933B1)

Have a look what the booklet for
Hex(2933B1) contains.

Hex(2933B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2933B1)

Conversions

Conversions Part 1

Format	Color
Hex	2933B1
RGB	41, 51, 177
RGB Percent	16%, 20%, 69%
CMY	0.8392, 0.8000, 0.3059
CMYK	0.77, 0.71, 0.00, 0.31
HSL	236°, 62%, 43%
HSV	236°, 77%, 69%
XYZ	10.0341, 6.0134, 42.2268
YIQ	62.3740, -46.4060, 37.0660

Conversions

Conversions Part 2

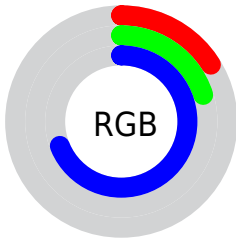
Format	Color
RYB	41, 50, 177
Decimal	2700209
CIELab	29.45, 40.42, -67.49
CIELCh	29, 78.673, 300.917
Yxy	6.0134, 0.1722, 0.1032
Android (android.graphics.Color)	4280890289 (0xFF2933B1)
YUV	62.3740, 56.5106, -18.7450
Hunter-Lab	24.5222, 30.1254, -84.9307

Details

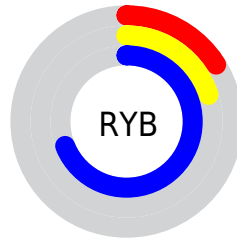
The Hex color **2933B1** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B1A729**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6D62EA**, and **00097B** is the 20% darker color. If you saturate the color by 10%, you get **1723B1**, and if you desaturate by 10%, it is **3B43B1**.

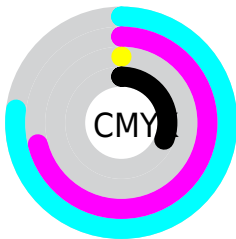
Distribution



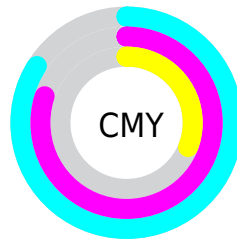
- Red (16%)
- Green (20%)
- Blue (69%)



- Red (16%)
- Yellow (20%)
- Blue (69%)



- Cyan (77%)
- Magenta (71%)
- Yellow (0%)
- Black (31%)



- Cyan (84%)
- Magenta (80%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2933B1 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 2933B1 by changing the saturation by 10% instead.

■ 2933B1

■ 2933B1

FFFFFF

■ 001D96

■ 6D62EA

■ 00097B

■ 8B7BFF

■ 000061

■ A995FF

■ 000848

■ C7B0FF

■ 000431

■ E5CCFF

■ 00011B

■ FFE8FF

■ 000000

■ 2933B1

■ 2933B1

■ 1723B1

■ 3B43B1

■ 0612B1

■ 4C54B1

■ 000DB1

■ 5E64B1

■ 7075B1

■ 8285B1

■ 9395B1

■ A5A6B1

■ B7B6B1

■ C8C7B1

Harmonies

Analogous

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



004FC3



2933B1



8B0082

Triad

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



2933B1



822500



005B46

Complementary

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



2933B1



B1A729

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



2933B1



544400

Square

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



2933B1



A1000A



015200



005C84

Rectangle

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



2933B1



A2005B



015200



005A30

Sweetspot

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



2933B1



B1B5E6



29B1A6



535573



F2F2F2



737373

Same Dimension

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



2933B1



1222E6



6229B1



505159



000B99



00021A

Inverse Universe

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



B12933



E61222



78B129



595051



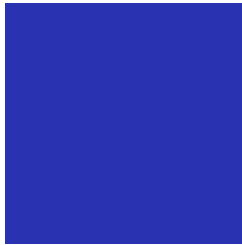
99000B



1A0002

Previews

White Background



This preview shows how the Hex color 2933B1 looks on a white background.

Color Contrast Check

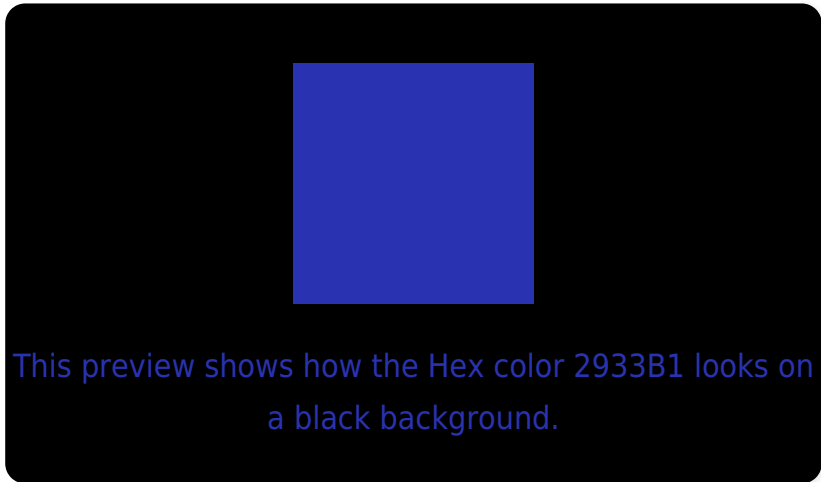
Large Text (above 18pt) WCAG AA ✓ Pass

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

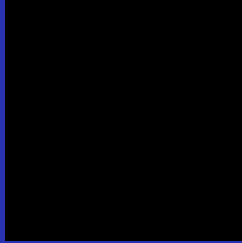
Any Text WCAG AA × Fail

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 2933B1 Background



This preview shows how black text looks on a background with the Hex color 2933B1.

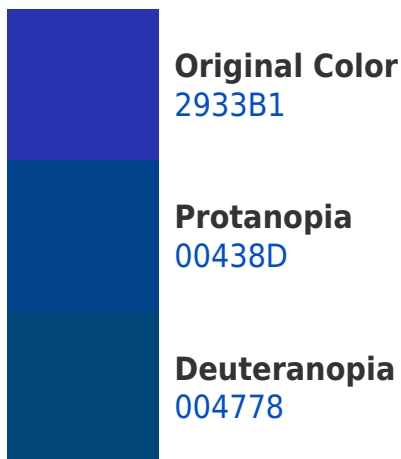


This preview shows how white text looks on a background with the Hex color 2933B1.

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
2933B1

Protanomaly
0F3D9A

Deuteranomaly
0F408D

Tritanomaly
0F4474

Monochromacy



Original Color
2933B1

Achromatopsia
3E3E3E

Achromatomaly
363A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 2933B1 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 #2933B1 looks like.

```
.text, #text, p{  
    color:#2933B1  
}
```

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 #2933B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2933B1
}
```

Border

The CSS property to change the border of an element to Hex 2933B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

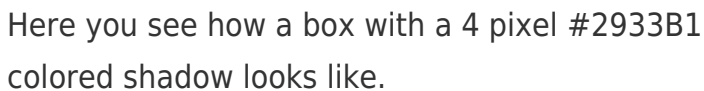
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2933B1 }
```

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

```
.border{ border-color:#2933B1 }
```

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



Here you see how a box with a 4 pixel #2933B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2933B1; -webkit-box-shadow:4px 4px  
4px 4px #2933B1; box-shadow:4px 4px 4px  
4px #2933B1 }
```

Background

The CSS property to change the background color of an element to Hex 2933B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2933B1 }
```

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

```
.background{ background-color:#2933B1 }
```

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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