

# Converting Colors

Hex(2932B5)

Have a look what the booklet for  
Hex(2932B5) contains.

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# Color

Hex(2932B5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2932B5
RGB	41, 50, 181
RGB Percent	16%, 20%, 71%
CMY	0.8392, 0.8039, 0.2902
CMYK	0.77, 0.72, 0.00, 0.29
HSL	236°, 63%, 44%
HSV	236°, 77%, 71%
XYZ	10.3955, 6.0888, 44.3434
YIQ	62.2430, -47.4150, 38.8330

# Conversions

## Conversions Part 2

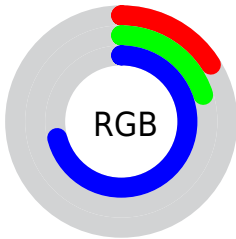
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 49, 181
Decimal	2699957
CIE <sub>Lab</sub>	29.64, 42.41, -69.57
CIE <sub>LCh</sub>	30, 81.474, 301.368
Yxy	6.0888, 0.1709, 0.1001
Android (android.graphics.Color)	4280890037 (0xFF2932B5)
YUV	62.2430, 58.5472, -18.6301
Hunter-Lab	24.6755, 32.0180, -89.2748

# Details

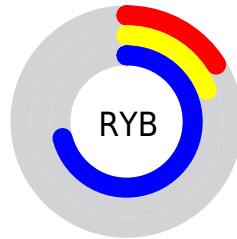
The Hex color **2932B5** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B5AC29**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6E61EE**, and **00077F** is the 20% darker color. If you saturate the color by 10%, you get **1721B5**, and if you desaturate by 10%, it is **3B43B5**.

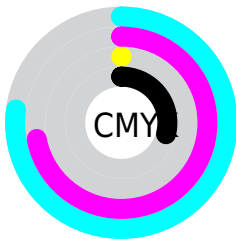
# Distribution



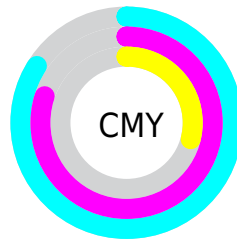
- Red (16%)
- Green (20%)
- Blue (71%)



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



- Cyan (77%)
- Magenta (72%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (80%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2932B5 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 2932B5 by changing the saturation by 10% instead.



■ 2932B5

■ 2932B5

FFFFFF

■ 001C99

■ 6E61EE

■ 00077F

■ 8C7BFF

■ 000065

■ AA95FF

■ 00094C

■ C8B0FF

■ 000434

■ E7CBFF

■ 00021E

■ FFE7FF

■ 000000

■ 2932B5

■ 2932B5

■ 1721B5

■ 3B43B5

0510B5

4D54B5

000CB5

5F65B5

7176B5

8487B5

9698B5

A8A9B5

BAB9B5

CCCAB5

# Harmonies

## Analogous

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



0050C9



2932B5



8E0084

# Triad

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



2932B5



842400



005C47

# Complementary

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



2932B5



B5AC29

# 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



2932B5



544500

# Square

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



2932B5



A30007



005300



005D87

# Rectangle

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



2932B5



A6005B



005300



005B31



# Sweetspot

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



2932B5



B5B8EB



29B5AC



545775



F5F5F5



757575



# Same Dimension

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



2932B5



101EEB



6629B5



505159



000A99



00021A



# Inverse Universe

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



B52932



EB101E



78B529



595051



99000A

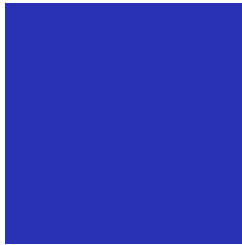


1A0002



# Previews

## White Background



This preview shows how the Hex color 2932B5 looks on a white background.

## Color Contrast Check

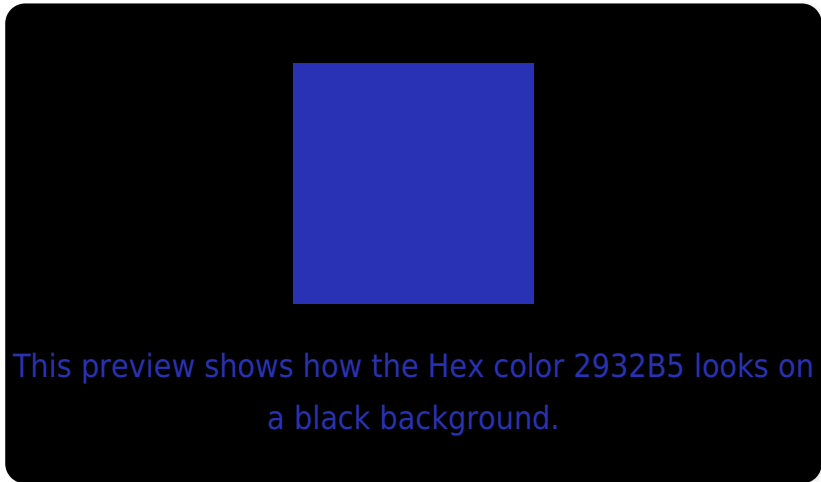
Large Text (above 18pt) WCAG AA ✓ Pass

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

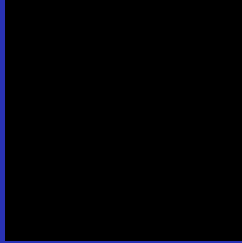
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2932B5 Background



This preview shows how black text looks on a background with the Hex color 2932B5.

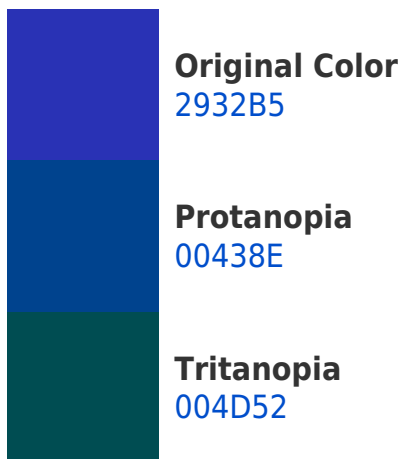


This preview shows how white text looks on a background with the Hex color 2932B5.

# 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**  
2932B5

**Protanomaly**  
0F3D9C

**Tritanomaly**  
0F4376

# Monochromacy



**Original Color**  
2932B5

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
363A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2932B5 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 #2932B5 looks like.

```
.text, #text, p{  
    color:#2932B5  
}
```

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 #2932B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2932B5  
}
```

## Border

The CSS property to change the border of an element to Hex 2932B5 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  
#2932B5 }
```

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

```
.border{ border-color:#2932B5 }
```

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

Here you see how a box with a 4 pixel #2932B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2932B5; -webkit-box-shadow:4px 4px  
4px 4px #2932B5; box-shadow:4px 4px 4px  
4px #2932B5 }
```

# Background

The CSS property to change the background color of an element to Hex 2932B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2932B5 }
```

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

```
.background{ background-color:#2932B5 }
```

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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