

# Converting Colors

Hex(292999)

Have a look what the booklet for  
Hex(292999) contains.

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# Color

**Hex(292999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	292999
RGB	41, 41, 153
RGB Percent	16%, 16%, 60%
CMY	0.8392, 0.8392, 0.4000
CMYK	0.73, 0.73, 0.00, 0.40
HSL	240°, 58%, 38%
HSV	240°, 73%, 60%
XYZ	7.4572, 4.3572, 30.5850
YIQ	53.7680, -35.9520, 34.8320

# Conversions

## Conversions Part 2

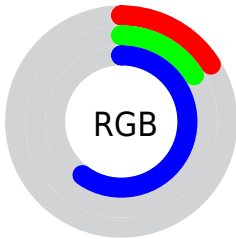
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 41, 153
Decimal	2697625
CIE <sub>Lab</sub>	24.82, 38.11, -60.61
CIE <sub>LCh</sub>	25, 71.590, 302.160
Yxy	4.3572, 0.1759, 0.1028
Android (android.graphics.Color)	4280887705 (0xFF292999)
YUV	53.7680, 48.9214, -11.1975
Hunter-Lab	20.8739, 27.2394, -72.2615

# Details

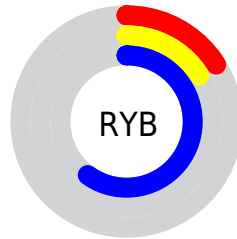
The Hex color **292999** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **999929**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6858D0**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **1A1A99**, and if you desaturate by 10%, it is **383899**.

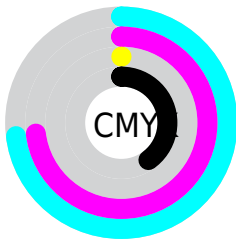
# Distribution



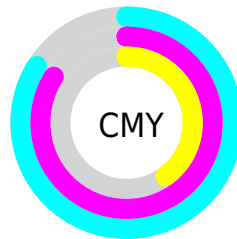
- Red (16%)
- Green (16%)
- Blue (60%)



- Red (16%)
- Yellow (16%)
- Blue (60%)



- Cyan (73%)
- Magenta (73%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (84%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 292999 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 292999 by changing the saturation by 10% instead.



■ 292999

■ 292999

FFFFFF

■ 00137E

■ 6858D0

■ 000065

■ 8570ED

■ 00004C

■ A28AFF

■ 000434

■ BFA5FF

■ 00021E

■ DCC0FF

■ 000000

■ FADCFF

■ FFF9FF

■ 292999

■ 292999

■ 1A1A99

■ 383899

■ 0A0A99

■ 484899

■ 000099

■ 575799

■ 666699

■ 757599

■ 858599

■ 949499

■ A3A399

■ B3B399

# Harmonies

## Analogous

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



0043AB



292999



7A006F

# Triad

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



292999



6F2000



004E3E

# Complementary

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



292999



999929

# 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.



004C00



292999



463B00

# Square

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



292999



8B0001



004700



004F74

# Rectangle

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



292999



8E004C



004700



004D2A



# Sweetspot

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



292999



9B9BC7



299999



4A4A63



E3E3E3



636363



# Same Dimension

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



292999



1818C7



612999



45454D



00008C



00000D



# Inverse Universe

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



992999



C718C7



619929



4D454D



8C008C

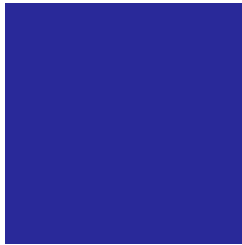


0D000D



# Previews

## White Background



This preview shows how the Hex color 292999 looks on a white background.

## Color Contrast Check

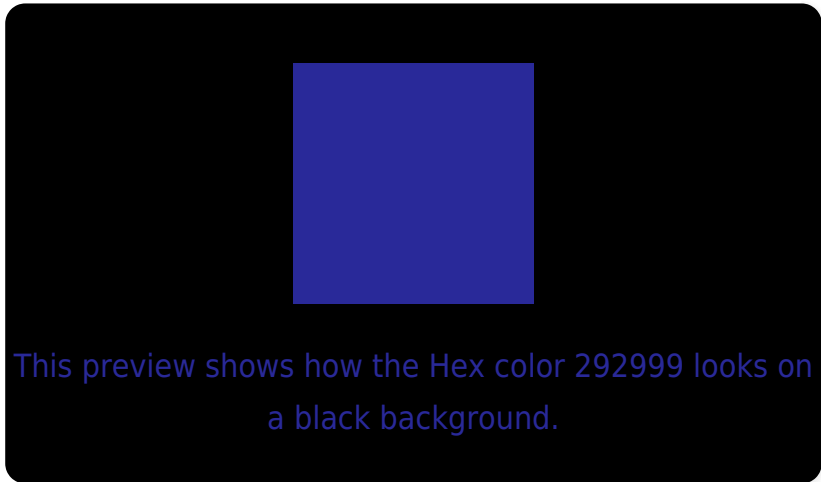
Large Text (above 18pt) WCAG AA ✓ Pass

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

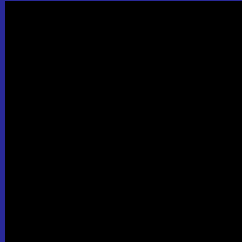
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 292999 Background



This preview shows how black text looks on a background with the Hex color 292999.

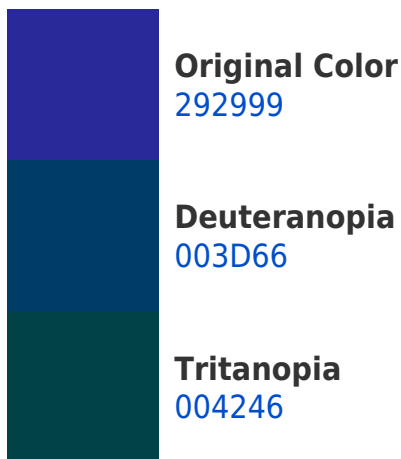


This preview shows how white text looks on a background with the Hex color 292999.

# 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**  
292999

**Deuteranomaly**  
0F3679

**Tritanomaly**  
0F3964

# Monochromacy



**Original Color**  
292999

**Achromatopsia**  
363636

**Achromatomaly**  
31315A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 292999 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 #292999 looks like.

```
.text, #text, p{  
    color:#292999  
}
```

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 #292999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292999
}
```

## Border

The CSS property to change the border of an element to Hex 292999 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".

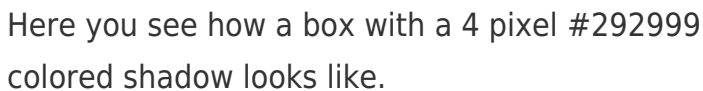
```
.border, #border, table{ border:4px solid
#292999 }
```

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

```
.border{ border-color:#292999 }
```

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

Here you see how a box with a 4 pixel #292999 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292999; -webkit-box-shadow:4px 4px  
4px 4px #292999; box-shadow:4px 4px 4px  
4px #292999 }
```

# Background

The CSS property to change the background color of an element to Hex 292999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292999 }
```

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

```
.background{ background-color:#292999 }
```

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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