

Converting Colors

Hex(292997)

Have a look what the booklet for
Hex(292997) contains.

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Color

Hex(292997)

Conversions

Conversions Part 1

Format	Color
Hex	292997
RGB	41, 41, 151
RGB Percent	16%, 16%, 59%
CMY	0.8392, 0.8392, 0.4078
CMYK	0.73, 0.73, 0.00, 0.41
HSL	240°, 57%, 38%
HSV	240°, 73%, 59%
XYZ	7.2933, 4.2917, 29.7221
YIQ	53.5400, -35.3100, 34.2100

Conversions

Conversions Part 2

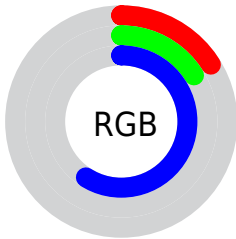
Format	Color
R_{YB}	41, 41, 151
Decimal	2697623
CIE _{Lab}	24.61, 37.41, -59.72
CIE _{LCh}	25, 70.469, 302.068
Yxy	4.2917, 0.1766, 0.1039
Android (android.graphics.Color)	4280887703 (0xFF292997)
YUV	53.5400, 48.0478, -10.9976
Hunter-Lab	20.7163, 26.5884, -70.5632

Details

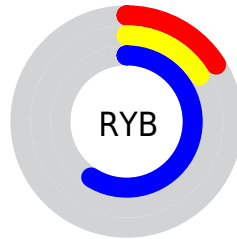
The Hex color **292997** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **979729**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6757CE**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **1A1A97**, and if you desaturate by 10%, it is **383897**.

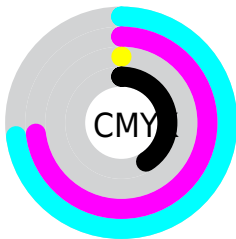
Distribution



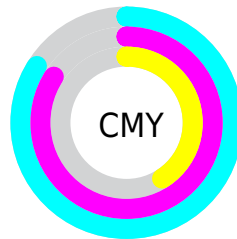
- Red (16%)
- Green (16%)
- Blue (59%)



- Red (16%)
- Yellow (16%)
- Blue (59%)



- Cyan (73%)
- Magenta (73%)
- Yellow (0%)
- Black (41%)



- Cyan (84%)
- Magenta (84%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292997 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 292997 by changing the saturation by 10% instead.

 292997

 292997

FFFFFF

 00137C

 6757CE

 000063

 8470EB

 00004A

 A18AFF

 000432

 BEA4FF

 00021C

 DCC0FF

 000000

 F9DCFF

 FFF8FF

 292997

 292997

■ 1A1A97

■ 383897

■ 0B0B97

■ 474797

■ 000097

■ 565697

■ 656597

■ 757597

■ 848497

■ 939397

■ A2A297

■ B1B197

Harmonies

Analogous

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



0042A8



292997



78006D

Triad

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



292997



6E2000



004D3D

Complementary

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



292997



979729

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.



004B00



292997



463A00

Square

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



292997



890001



004600



004E73

Rectangle

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



292997



8C004B



004600



004C2A

Sweetspot

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



292997



9999C4



299797



4A4A63



E3E3E3



636363

Same Dimension

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



292997



1A1AC4



602997



45454D



00008C



00000D

Inverse Universe

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



972997



C41AC4



609729



4D454D



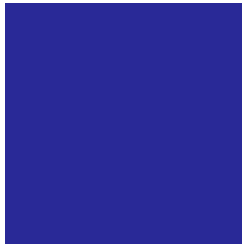
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 292997 looks on a white background.

Color Contrast Check

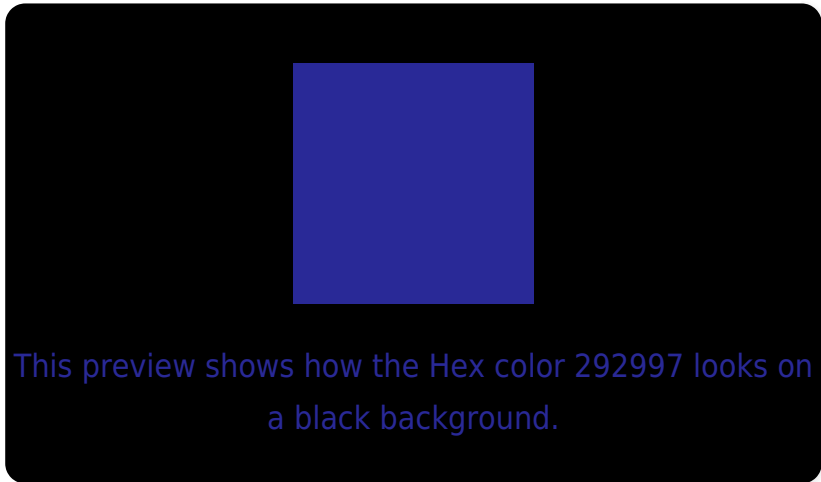
Large Text (above 18pt) WCAG AA ✓ Pass

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

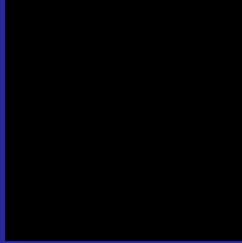
Any Text WCAG AA × Fail

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 292997 Background



This preview shows how black text looks on a background with the Hex color 292997.



This preview shows how white text looks on a background with the Hex color 292997.

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
292997

Protanopia
003977

Deuteranopia
003C66

Trichromacy



Original Color
292997

Protanomaly
0F3383

Deuteranomaly
0F3578

Tritanomaly
0F3863

Monochromacy



Original Color
292997

Achromatopsia
363636

Achromatomaly
313159

CSS Examples

Text

The CSS property to change the color of the text to Hex 292997 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 #292997 looks like.

```
.text, #text, p{  
    color:#292997  
}
```

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 #292997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292997
}
```

Border

The CSS property to change the border of an element to Hex 292997 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
#292997 }
```

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

```
.border{ border-color:#292997 }
```

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

Here you see how a box with a 4 pixel #292997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292997; -webkit-box-shadow:4px 4px  
4px 4px #292997; box-shadow:4px 4px 4px  
4px #292997 }
```

Background

The CSS property to change the background color of an element to Hex 292997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292997 }
```

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

```
.background{ background-color:#292997 }
```

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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