

Converting Colors

Hex(292967)

Have a look what the booklet for
Hex(292967) contains.

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Color

Hex(292967)

Conversions

Conversions Part 1

Format	Color
Hex	292967
RGB	41, 41, 103
RGB Percent	16%, 16%, 40%
CMY	0.8392, 0.8392, 0.5961
CMYK	0.60, 0.60, 0.00, 0.60
HSL	240°, 43%, 28%
HSV	240°, 60%, 40%
XYZ	4.1556, 3.0366, 13.1991
YIQ	48.0680, -19.9020, 19.2820

Conversions

Conversions Part 2

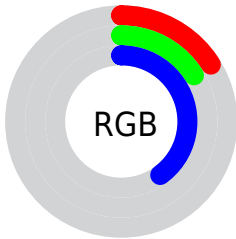
Format	Color
R_{YB}	41, 41, 103
Decimal	2697575
CIE _{Lab}	20.19, 20.15, -36.59
CIE _{LCh}	20, 41.770, 298.848
Yxy	3.0366, 0.2038, 0.1489
Android (android.graphics.Color)	4280887655 (0xFF292967)
YUV	48.0680, 27.0815, -6.1986
Hunter-Lab	17.4257, 12.0724, -32.7109

Details

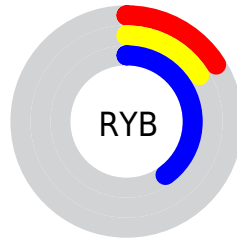
The Hex color **292967** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **676729**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5D569B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **1F1F67**, and if you desaturate by 10%, it is **333367**.

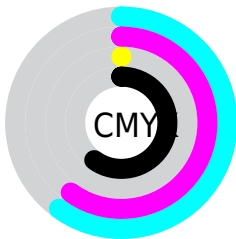
Distribution



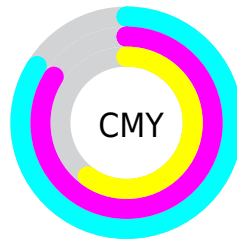
- Red (16%)
- Green (16%)
- Blue (40%)



- Red (16%)
- Yellow (16%)
- Blue (40%)



- Cyan (60%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)



- Cyan (84%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292967 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 292967 by changing the saturation by 10% instead.



292967



292967

FFFFFF



0B154F



5D569B



000037



776FB6



000221



9288D2



000006



ADA2EE



000000



C9BDFF



E6D9FF



FFF6FF



292967



292967

■ 1F1F67

■ 333367

■ 141467

■ 3E3E67

■ 0A0A67

■ 484867

■ 000067

■ 525267

■ 5D5D67

■ 676767

■ 717167

■ 7B7B67

■ 868667

Harmonies

Analogous

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



00356F



292967



531751

Triad

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



292967



552200



003D2F

Complementary

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



292967



676729

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.



003C0E



292967



3E2F00

Square

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



292967



630F15



213700



003E4E

Rectangle

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



292967



60093D



213700



003D24

Sweetspot

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



292967



6F6F87



296767



363645



C4C4C4



454545

Same Dimension

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



292967



262687



482967



2E2E33



000073



0000F2

Inverse Universe

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



672967



872687



486729



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 292967 looks on a white background.

Color Contrast Check

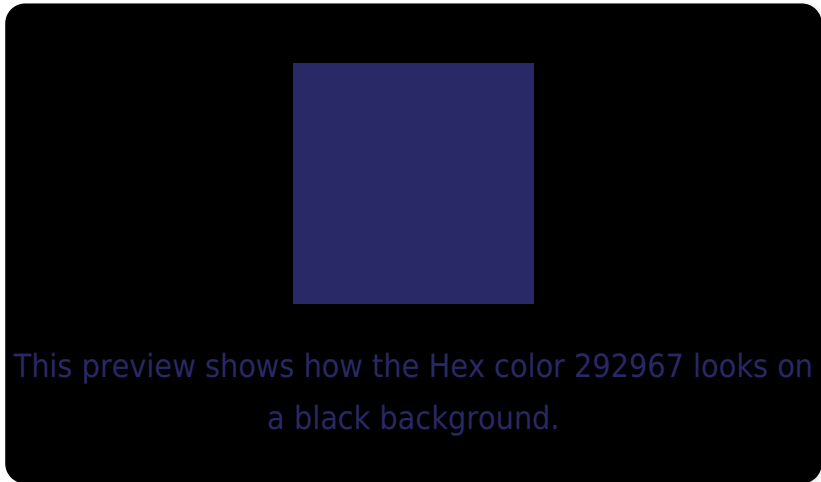
Large Text (above 18pt) WCAG AA ✓ Pass

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

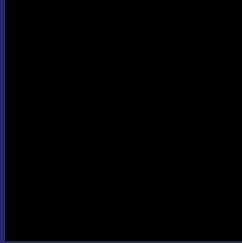
Any Text WCAG AA × Fail

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 292967 Background



This preview shows how black text looks on a background with the Hex color 292967.



This preview shows how white text looks on a background with the Hex color 292967.

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](#).

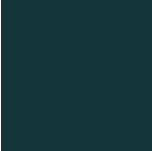
Dichromacy



Original Color
292967

Protanopia
002F64

Deuteranopia
003256



Tritanopia
14363A

Trichromacy



Original Color
292967

Protanomaly
0F2D65

Deuteranomaly
0F2F5C

Tritanomaly
1C314A

Monochromacy



Original Color
292967

Achromatopsia
303030

Achromatomaly
2D2D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 292967 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 #292967 looks like.

```
.text, #text, p{  
    color:#292967  
}
```

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 #292967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292967
}
```

Border

The CSS property to change the border of an element to Hex 292967 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
#292967 }
```

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

```
.border{ border-color:#292967 }
```

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

Here you see how a box with a 4 pixel #292967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292967; -webkit-box-shadow:4px 4px  
4px 4px #292967; box-shadow:4px 4px 4px  
4px #292967 }
```

Background

The CSS property to change the background color of an element to Hex 292967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292967 }
```

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

```
.background{ background-color:#292967 }
```

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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