

Converting Colors

Hex(29307C)

Have a look what the booklet for
Hex(29307C) contains.

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Color

Hex(29307C)

Conversions

Conversions Part 1

Format	Color
Hex	29307C
RGB	41, 48, 124
RGB Percent	16%, 19%, 49%
CMY	0.8392, 0.8118, 0.5137
CMYK	0.67, 0.61, 0.00, 0.51
HSL	235°, 50%, 32%
HSV	235°, 67%, 49%
XYZ	5.6095, 4.0406, 19.5530
YIQ	54.5710, -28.5680, 22.1520

Conversions

Conversions Part 2

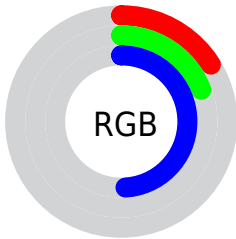
Format	Color
R_{YB}	41, 47, 124
Decimal	2699388
CIE _{Lab}	23.81, 23.10, -44.21
CIE _{LCh}	24, 49.876, 297.585
Yxy	4.0406, 0.1921, 0.1384
Android (android.graphics.Color)	4280889468 (0xFF29307C)
YUV	54.5710, 34.2285, -11.9018
Hunter-Lab	20.1011, 14.6358, -43.6025




Details

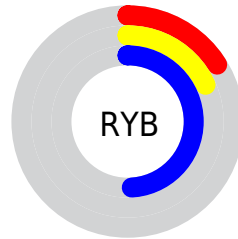
The Hex color **29307C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7C7529**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **615EB1**, and **00044A** is the 20% darker color. If you saturate the color by 10%, you get **1D257C**, and if you desaturate by 10%, it is **353B7C**.

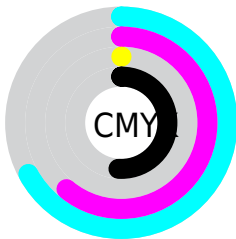
Distribution







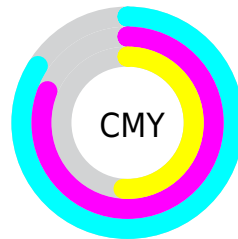
-  Red (16%)
-  Green (19%)
-  Blue (49%)






-  Red (16%)
-  Yellow (18%)
-  Blue (49%)



-  Cyan (67%)
-  Magenta (61%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (84%)
-  Magenta (81%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29307C 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 29307C by changing the saturation by 10% instead.

■ 29307C

■ 29307C

FFFFFF

■ 011B63

■ 615EB1

■ 00044A

■ 7C77CD

■ 000433

■ 9790EA

■ 00021D

■ B3ABFF

■ 000000

■ D0C6FF

■ EDE2FF

■ 29307C

■ 29307C

■ 1D257C

■ 353B7C

■ 10197C

■ 42477C

■ 040E7C

■ 4E527C

■ 000A7C

■ 5B5D7C

■ 67697C

■ 73747C

■ 807F7C

■ 8C8B7C

■ 99967C

Harmonies

Analogous

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



003F85



29307C



611761

Triad

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



29307C



652500



004834

Complementary

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



29307C



7C7529

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.



00450B



29307C



493600

Square

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



29307C



750819



254000



00485B

Rectangle

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



29307C



72004A



254000



004727

Sweetspot

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



29307C



8183A1



297C74



3E4052



D1D1D1



525252

Same Dimension

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



29307C



202BA1



4A297C



37383D



000B7D



0015FC

Inverse Universe

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



7C2930



A1202B



5B7C29



3D3738



7D000B



FC0015

Previews

White Background



This preview shows how the Hex color 29307C looks on a white background.

Color Contrast Check

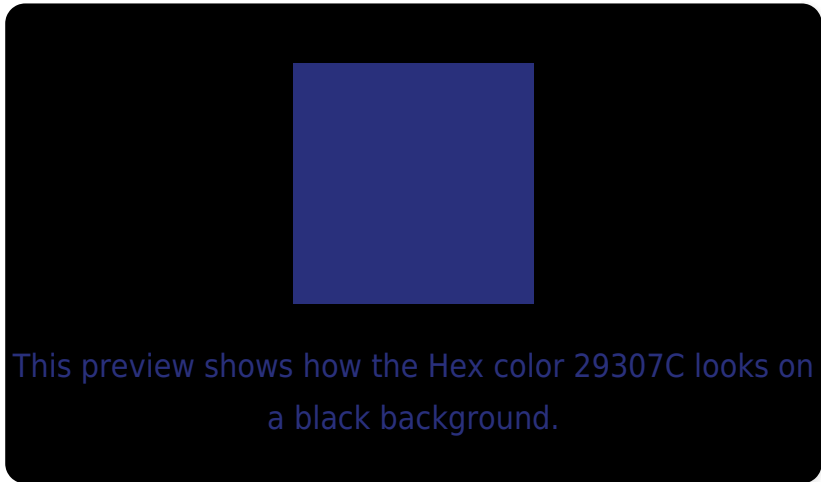
Large Text (above 18pt) WCAG AA ✓ Pass

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

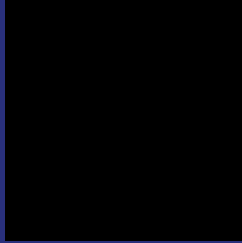
Any Text WCAG AA × Fail

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 29307C Background



This preview shows how black text looks on a background with the Hex color 29307C.



This preview shows how white text looks on a background with the Hex color 29307C.

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
29307C

Protanopia
003774

Deuteranopia
003A64



Tritanopia
003F44

Trichromacy



Original Color
29307C

Protanomaly
0F3477

Deuteranomaly
0F366D

Tritanomaly
0F3A58

Monochromacy



Original Color
29307C

Achromatopsia
373737

Achromatomaly
323450

CSS Examples

Text

The CSS property to change the color of the text to Hex 29307C 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 #29307C looks like.

```
.text, #text, p{  
    color:#29307C  
}
```

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 #29307C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29307C
}
```

Border

The CSS property to change the border of an element to Hex 29307C 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
#29307C }
```

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

```
.border{ border-color:#29307C }
```

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

Here you see how a box with a 4 pixel #29307C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29307C; -webkit-box-shadow:4px 4px  
4px 4px #29307C; box-shadow:4px 4px 4px  
4px #29307C }
```

Background

The CSS property to change the background color of an element to Hex 29307C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29307C }
```

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

```
.background{ background-color:#29307C }
```

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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