

Converting Colors

Hex(29278C)

Have a look what the booklet for
Hex(29278C) contains.

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Color

Hex(29278C)

Conversions

Conversions Part 1

Format	Color
Hex	29278C
RGB	41, 39, 140
RGB Percent	16%, 15%, 55%
CMY	0.8392, 0.8471, 0.4510
CMYK	0.71, 0.72, 0.00, 0.45
HSL	241°, 56%, 35%
HSV	241°, 72%, 55%
XYZ	6.3736, 3.8159, 25.2116
YIQ	51.1120, -31.2290, 31.8350

Conversions

Conversions Part 2

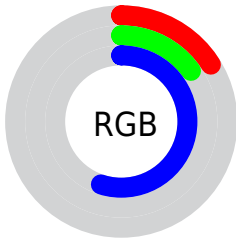
Format	Color
R_{YB}	41, 39, 140
Decimal	2697100
CIE _{Lab}	23.05, 34.80, -55.48
CIE _{LCh}	23, 65.492, 302.100
Yxy	3.8159, 0.1800, 0.1078
Android (android.graphics.Color)	4280887180 (0xFF29278C)
YUV	51.1120, 43.8218, -8.8682
Hunter-Lab	19.5343, 24.0552, -62.8473

Details

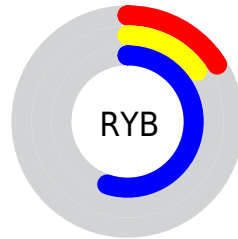
The Hex color **29278C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8A8C27**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6555C3**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **1B198C**, and if you desaturate by 10%, it is **37358C**.

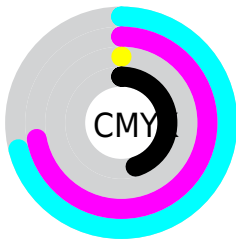
Distribution



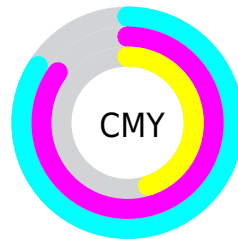
- Red (16%)
- Green (15%)
- Blue (55%)



- Red (16%)
- Yellow (15%)
- Blue (55%)



- Cyan (71%)
- Magenta (72%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29278C 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 29278C by changing the saturation by 10% instead.

■ 29278C

■ 29278C

FFFFFF

■ 001272

■ 6555C3

■ 000059

■ 816EDF

■ 000340

■ 9E87FC

■ 000329

■ BAA2FF

■ 000113

■ D7BDFF

■ 000000

■ F5D9FF

■ FFF5FF

■ 29278C

■ 29278C

■ 1B198C

■ 37358C

■ 0E0B8C

■ 44438C

■ 03008C

■ 52518C

■ 605F8C

■ 6E6D8C

■ 7B7B8C

■ 89898C

■ 97978C

■ A5A58C

Harmonies

Analogous

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



003E9C



29278C



700066

Triad

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



29278C



671F00



004839

Complementary

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



29278C



8A8C27

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.



004600



29278C



423700

Square

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



29278C



800002



004200



00496B

Rectangle

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



29278C



820046



004200



004828

Sweetspot

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



29278C



8E8DB5



278A8C



44445C



DBDBDB



5C5C5C

Same Dimension

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



29278C



1B18B5



5B278C



3E3E45



030085



000005

Inverse Universe

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



8C278A



B518B2



588C27



453E45



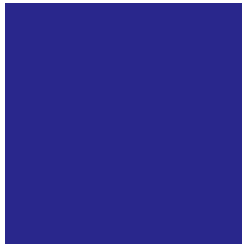
850082



050005

Previews

White Background



This preview shows how the Hex color 29278C looks on a white background.

Color Contrast Check

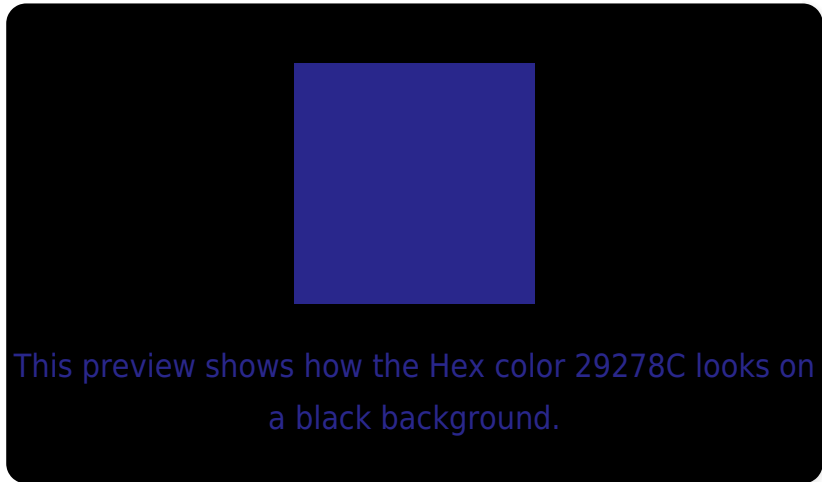
Large Text (above 18pt) WCAG AA ✓ Pass

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

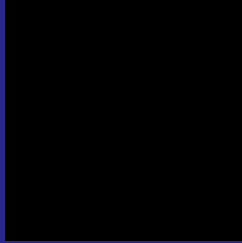
Any Text WCAG AA × Fail

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 29278C Background



This preview shows how black text looks on a background with the Hex color 29278C.



This preview shows how white text looks on a background with the Hex color 29278C.

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
29278C

Protanopia
003570

Deuteranopia
003960



Tritanopia
003D41

Trichromacy



Original Color
29278C

Protanomaly
0F307A

Deuteranomaly
0F3270

Tritanomaly
0F355C

Monochromacy



Original Color
29278C

Achromatopsia
333333

Achromatomaly
2F2F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 29278C 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 #29278C looks like.

```
.text, #text, p{  
    color:#29278C  
}
```

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 #29278C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29278C
}
```

Border

The CSS property to change the border of an element to Hex 29278C 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
#29278C }
```

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

```
.border{ border-color:#29278C }
```

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

Here you see how a box with a 4 pixel #29278C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29278C; -webkit-box-shadow:4px 4px  
4px 4px #29278C; box-shadow:4px 4px 4px  
4px #29278C }
```

Background

The CSS property to change the background color of an element to Hex 29278C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29278C }
```

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

```
.background{ background-color:#29278C }
```

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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