

Converting Colors

Hex(2818C9)

Have a look what the booklet for
Hex(2818C9) contains.

Hex(2818C9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2818C9)

Conversions

Conversions Part 1

Format	Color
Hex	2818C9
RGB	40, 24, 201
RGB Percent	16%, 9%, 79%
CMY	0.8431, 0.9059, 0.2118
CMYK	0.80, 0.88, 0.00, 0.21
HSL	245°, 79%, 44%
HSV	245°, 88%, 79%
XYZ	11.7443, 5.3214, 55.6665
YIQ	48.9620, -47.2810, 58.4390

Conversions

Conversions Part 2

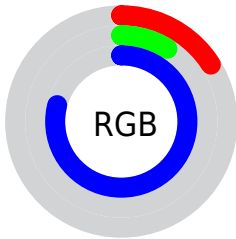
Format	Color
R_{YB}	40, 24, 201
Decimal	2627785
CIE _{Lab}	27.63, 60.97, -84.70
CIE _{LCh}	28, 104.359, 305.750
Yxy	5.3214, 0.1615, 0.0732
Android (android.graphics.Color)	4280817865 (0xFF2818C9)
YUV	48.9620, 74.9547, -7.8597
Hunter-Lab	23.0682, 50.5072, -126.9264

Details

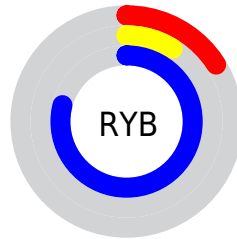
The Hex color **2818C9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B9C918**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **744DFF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **1604C9**, and if you desaturate by 10%, it is **3A2CC9**.

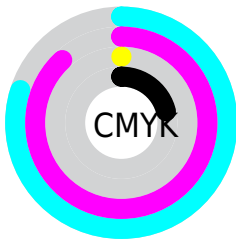
Distribution



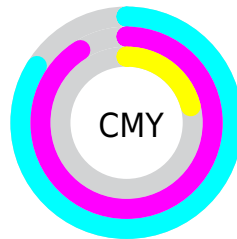
- Red (16%)
- Green (9%)
- Blue (79%)



- Red (16%)
- Yellow (9%)
- Blue (79%)



- Cyan (80%)
- Magenta (88%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (91%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2818C9 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 2818C9 by changing the saturation by 10% instead.

 2818C9

 2818C9

FFFFFF

 0000AD

 744DFF

 000091

 9467FF

 000077

 B481FF

 00085D

 D39CFF

 000744

 F2B8FF

 00032D

 FFD4FF

 000117

 FFF1FF

 000000

 2818C9

 2818C9

■ 1604C9

■ 3A2CC9

■ 1200C9

■ 4D40C9

■ 5F54C9

■ 7168C9

■ 837DC9

■ 9691C9

■ A8A5C9

■ BAB9C9

■ CDCDC9

Harmonies

Analogous

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



004DE9



2818C9



A30085

Triad

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



2818C9



821800



005950

Complementary

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



2818C9



B9C918

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.



005700



2818C9



434400

Square

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



2818C9



AD0000



005200



005CA0

Rectangle

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



2818C9



BA0051



005200



005833

Sweetspot

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



2818C9



C3BDFE



18BAC9



5C5880



000000



808080

Same Dimension

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



2818C9



1700FF



7F18C9



5A5A63



0F00A3



030024

Inverse Universe

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



C918B9



FF00E8



62C918



635A63



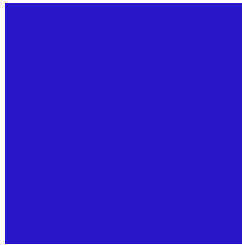
A30094



240020

Previews

White Background



This preview shows how the Hex color 2818C9 looks on a white background.

Color Contrast Check

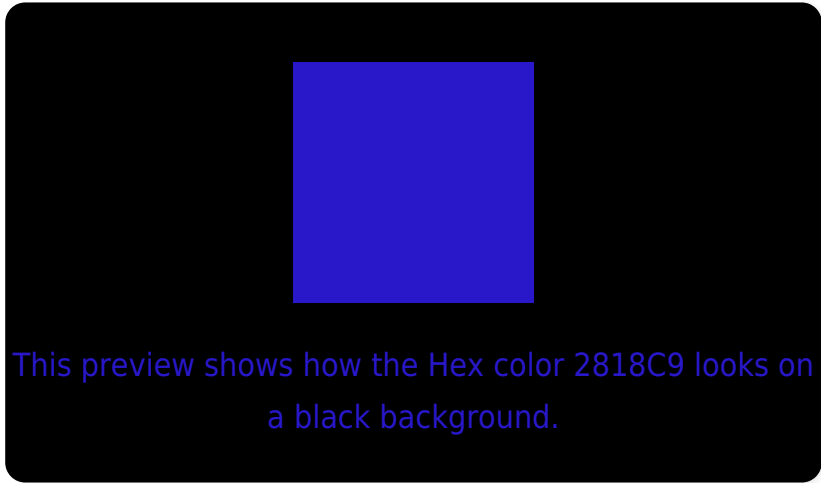
Large Text (above 18pt) WCAG AA ✓ Pass

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

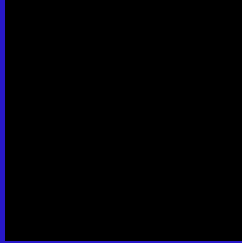
Any Text WCAG AA × Fail

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 2818C9 Background



This preview shows how black text looks on a background with the Hex color 2818C9.



This preview shows how white text looks on a background with the Hex color 2818C9.

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
2818C9

Protanopia
003F85

Deuteranopia
004471



Tritanopia
00494C

Trichromacy



Original Color
2818C9

Protanomaly
0F319E

Deuteranomaly
0F3491

Tritanomaly
0F3779

Monochromacy



Original Color
2818C9

Achromatopsia
313131

Achromatomaly
2E2868

CSS Examples

Text

The CSS property to change the color of the text to Hex 2818C9 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 #2818C9 looks like.

```
.text, #text, p{  
    color:#2818C9  
}
```

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 #2818C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2818C9
}
```

Border

The CSS property to change the border of an element to Hex 2818C9 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
#2818C9 }
```

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

```
.border{ border-color:#2818C9 }
```

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

Here you see how a box with a 4 pixel #2818C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2818C9; -webkit-box-shadow:4px 4px  
4px 4px #2818C9; box-shadow:4px 4px 4px  
4px #2818C9 }
```

Background

The CSS property to change the background color of an element to Hex 2818C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2818C9 }
```

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

```
.background{ background-color:#2818C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor