

Converting Colors

Hex(2C18C6)

Have a look what the booklet for
Hex(2C18C6) contains.

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Color

Hex(2C18C6)

Conversions

Conversions Part 1

Format	Color
Hex	2C18C6
RGB	44, 24, 198
RGB Percent	17%, 9%, 78%
CMY	0.8275, 0.9059, 0.2235
CMYK	0.78, 0.88, 0.00, 0.22
HSL	247°, 78%, 44%
HSV	247°, 88%, 78%
XYZ	11.5584, 5.2660, 53.8333
YIQ	49.8160, -43.9340, 58.3540

Conversions

Conversions Part 2

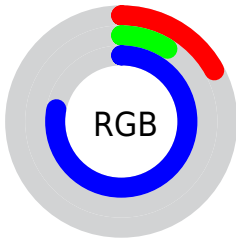
Format	Color
RYB	44, 24, 198
Decimal	2889926
CIELab	27.48, 60.31, -83.18
CIELCh	27, 102.743, 305.942
Yxy	5.2660, 0.1636, 0.0745
Android (android.graphics.Color)	4281080006 (0xFF2C18C6)
YUV	49.8160, 73.0547, -5.1006
Hunter-Lab	22.9477, 49.7492, -123.0260

Details

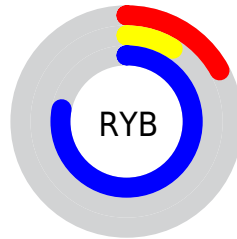
The Hex color **2C18C6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B2C618**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **764DFF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **1A04C6**, and if you desaturate by 10%, it is **3E2CC6**.

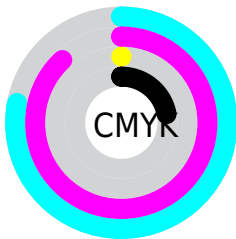
Distribution



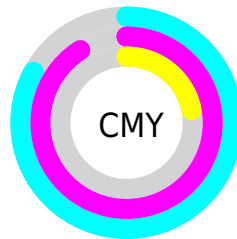
- Red (17%)
- Green (9%)
- Blue (78%)



- Red (17%)
- Yellow (9%)
- Blue (78%)



- Cyan (78%)
- Magenta (88%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (91%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C18C6 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 2C18C6 by changing the saturation by 10% instead.

 2C18C6

 2C18C6

FFFFFF

 0000AA

 764DFF

 00008E

 9566FF

 000074

 B581FF

 00085A

 D39CFF

 000741

 F3B7FF

 00032A

 FFD4FF

 000115

 FFF1FF

 000000

 2C18C6

 2C18C6

■ 1A04C6

■ 3E2CC6

■ 1700C6

■ 4F40C6

■ 6153C6

■ 7267C6

■ 847BC6

■ 958FC6

■ A7A3C6

■ B8B6C6

■ CACAC6

Harmonies

Analogous

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



004CE6



2C18C6



A20083

Triad

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



2C18C6



801900



005850

Complementary

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



2C18C6



B2C618

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.



005600



2C18C6



424400

Square

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



2C18C6



AB0000



005200



005B9F

Rectangle

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



2C18C6



B80050



005200



005834

Sweetspot

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



2C18C6



C4BDFE



18B5C6



5D5880



000000



808080

Same Dimension

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



2C18C6



1D00FF



8018C6



5B5A63



1300A3



040024

Inverse Universe

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



C618B2



FF00E2



5EC618



635A62



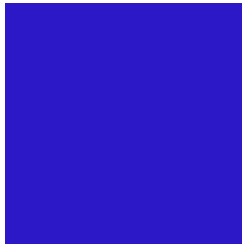
A30090



240020

Previews

White Background



This preview shows how the Hex color 2C18C6 looks on a white background.

Color Contrast Check

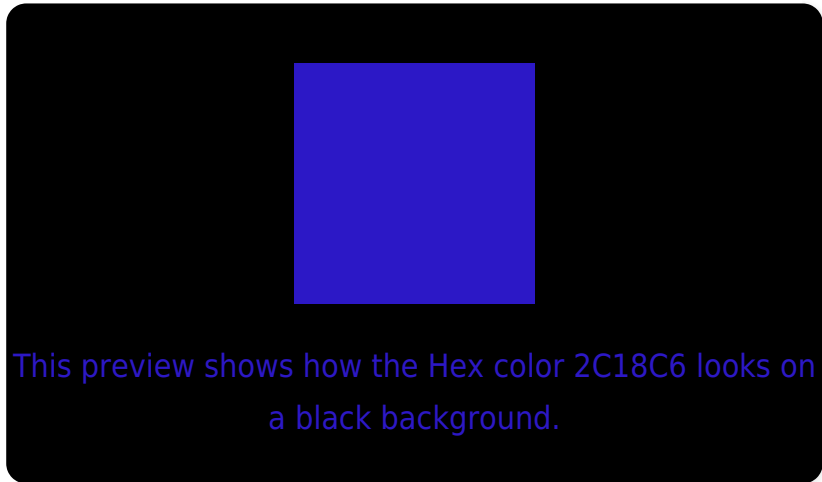
Large Text (above 18pt) WCAG AA ✓ Pass

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

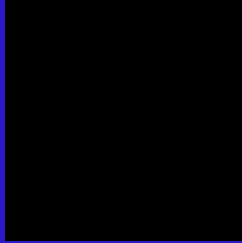
Any Text WCAG AA × Fail

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 2C18C6 Background



This preview shows how black text looks on a background with the Hex color 2C18C6.




This preview shows how white text looks on a background with the Hex color 2C18C6.

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





Tritanopia
00494C

Trichromacy



Original Color
2C18C6

Protanomaly
10319C

Deuteranomaly
10338F

Tritanomaly
103778

Monochromacy



Original Color
2C18C6

Achromatopsia
323232

Achromatomaly
302968

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C18C6 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 #2C18C6 looks like.

```
.text, #text, p{  
    color:#2C18C6  
}
```

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 #2C18C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C18C6
}
```

Border

The CSS property to change the border of an element to Hex 2C18C6 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
#2C18C6 }
```

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

```
.border{ border-color:#2C18C6 }
```

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

Here you see how a box with a 4 pixel #2C18C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C18C6; -webkit-box-shadow:4px 4px  
4px 4px #2C18C6; box-shadow:4px 4px 4px  
4px #2C18C6 }
```

Background

The CSS property to change the background color of an element to Hex 2C18C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C18C6 }
```

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

```
.background{ background-color:#2C18C6 }
```

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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