

Converting Colors

Hex(4C18C6)

Have a look what the booklet for
Hex(4C18C6) contains.

Hex(4C18C6)	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(4C18C6)

Conversions

Conversions Part 1

Format	Color
Hex	4C18C6
RGB	76, 24, 198
RGB Percent	30%, 9%, 78%
CMY	0.7020, 0.9059, 0.2235
CMYK	0.62, 0.88, 0.00, 0.22
HSL	258°, 78%, 44%
HSV	258°, 88%, 78%
XYZ	13.5002, 6.2670, 53.9242
YIQ	59.3840, -24.8620, 65.1380

Conversions

Conversions Part 2

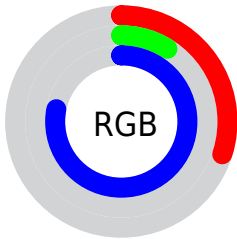
Format	Color
RYB	76, 24, 198
Decimal	4987078
CIELab	30.08, 62.27, -78.79
CIELCh	30, 100.431, 308.320
Yxy	6.2670, 0.1832, 0.0850
Android (android.graphics.Color)	4283177158 (0xFF4C18C6)
YUV	59.3840, 68.3377, 14.5722
Hunter-Lab	25.0339, 52.4511, -110.1894

Details

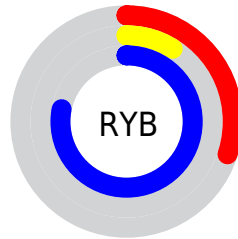
The Hex color **4C18C6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **92C618**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8C4FFF**, and **00008F** is the 20% darker color. If you saturate the color by 10%, you get **3E04C6**, and if you desaturate by 10%, it is **5A2CC6**.

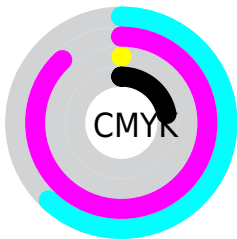
Distribution



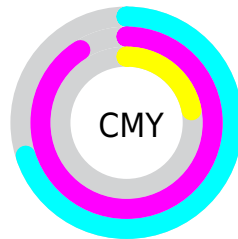
- Red (30%)
- Green (9%)
- Blue (78%)



- Red (30%)
- Yellow (9%)
- Blue (78%)



- Cyan (62%)
- Magenta (88%)
- Yellow (0%)
- Black (22%)



- Cyan (70%)
- Magenta (91%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C18C6 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 4C18C6 by changing the saturation by 10% instead.

4C18C6

4C18C6

FFFFFF

2400AA

8C4FFF

00008F

AA6AFF

000074

C885FF

00005A

E7A0FF

000742

FFBCFF

00032B

FFD8FF

000115

FFF6FF

000000

4C18C6

4C18C6

■ 3E04C6

■ 5A2CC6

■ 3B00C6

■ 6840C6

■ 7653C6

■ 8467C6

■ 917BC6

■ 9F8FC6

■ ADA3C6

■ BBB6C6

■ C9CAC6

Harmonies

Analogous

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



004FE9



4C18C6



AB0083

Triad

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



4C18C6



832800



005F5C

Complementary

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



4C18C6



92C618

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.



005D00



4C18C6



444C00

Square

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



4C18C6



AF0000



005900



0062A9

Rectangle

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



4C18C6



C0004F



005900



005E40

Sweetspot

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



4C18C6



D1BDFE



1895C6



645880



000000



808080

Same Dimension

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



4C18C6



4C00FF



A018C6



5C5A63



3100A3



0B0024

Inverse Universe

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



C61892



FF00B3



3EC618



635A60



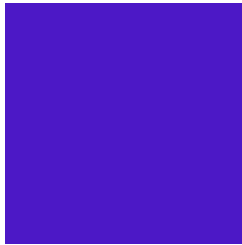
A30072



240019

Previews

White Background



This preview shows how the Hex color 4C18C6 looks on a white background.

Color Contrast Check

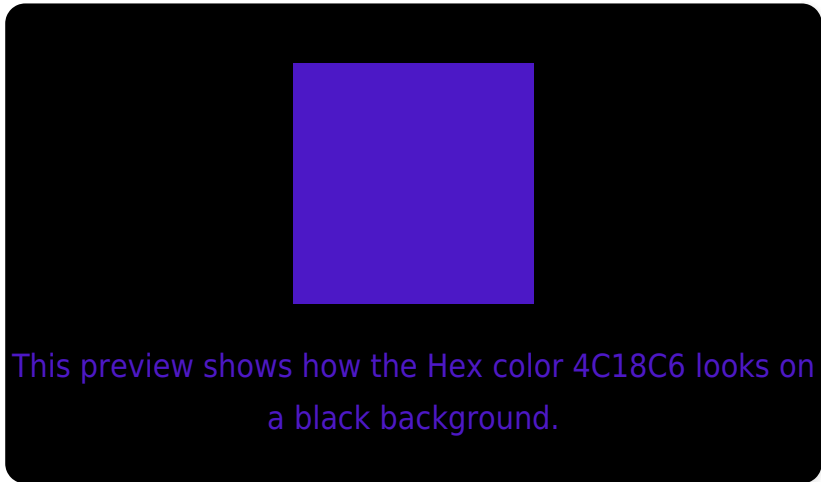
Large Text (above 18pt) WCAG AA ✓ Pass

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

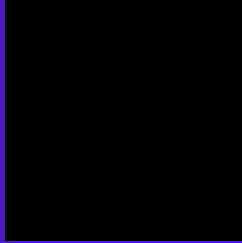
Any Text WCAG AA × Fail

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 4C18C6 Background



This preview shows how black text looks on a background with the Hex color 4C18C6.

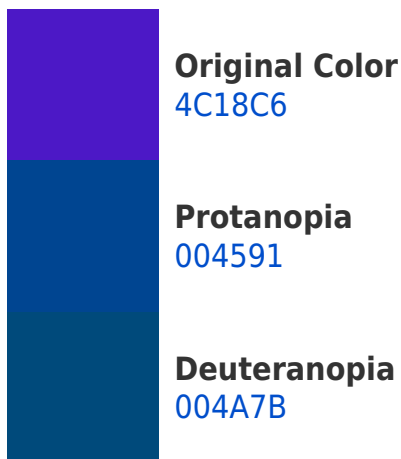



This preview shows how white text looks on a background with the Hex color 4C18C6.

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
004F56

Trichromacy



Original Color
4C18C6

Protanomaly
1C35A4

Deuteranomaly
1C3896

Tritanomaly
1C3B7F

Monochromacy



Original Color
4C18C6

Achromatopsia
3B3B3B

Achromatomaly
412E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C18C6 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 #4C18C6 looks like.

```
.text, #text, p{  
    color:#4C18C6  
}
```

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 #4C18C6 colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4C18C6 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
#4C18C6 }
```

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

```
.border{ border-color:#4C18C6 }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4C18C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C18C6 }
```

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

```
.background{ background-color:#4C18C6 }
```

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