

# Converting Colors

Hex(C518D8)

Have a look what the booklet for  
Hex(C518D8) contains.

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**Color**

**Hex(C518D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C518D8
RGB	197, 24, 216
RGB Percent	77%, 9%, 85%
CMY	0.2275, 0.9059, 0.1529
CMYK	0.09, 0.89, 0.00, 0.15
HSL	294°, 80%, 47%
HSV	294°, 89%, 85%
XYZ	35.7473, 17.4815, 66.4559
YIQ	97.6150, 41.4760, 96.3880

# Conversions

## Conversions Part 2

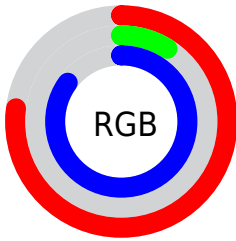
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 24, 216
Decimal	12916952
CIE <sub>Lab</sub>	48.86, 81.34, -57.82
CIE <sub>LCh</sub>	49, 99.798, 324.593
Yxy	17.4815, 0.2987, 0.1461
Android (android.graphics.Color)	4291107032 (0xFFC518D8)
YUV	97.6150, 58.3638, 87.1606
Hunter-Lab	41.8108, 79.4443, -64.9705

# Details

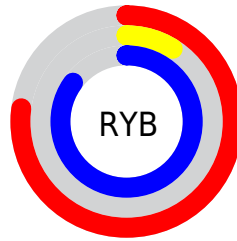
The Hex color **C518D8** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **2BD818**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF63FF**, and **8A00A0** is the 20% darker color. If you saturate the color by 10%, you get **C302D8**, and if you desaturate by 10%, it is **C72ED8**.

# Distribution



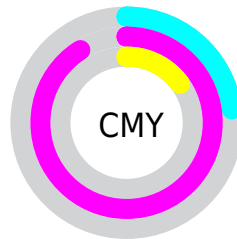
- Red (77%)
- Green (9%)
- Blue (85%)



- Red (77%)
- Yellow (9%)
- Blue (85%)



- Cyan (9%)
- Magenta (89%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (91%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C518D8 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 C518D8 by changing the saturation by 10% instead.



 C518D8

 C518D8

FFFFFF

 A700BC

 FF63FF

 8A00A0

 FF81FF

 6D0085

 FF9FFF

 50006B

 FFBCFF

 360052

 FFDAFF

 13003A

 FFF8FF

 000223

 00000A

 000000

 C518D8

 C518D8

 C302D8

 C72ED8

 C300D8

 C943D8

 CB59D8

 CE6ED8

 D084D8

 D29AD8

 D4AFD8

 D6C5D8

 D8DAD8

# Harmonies

## Analogous

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



0065FF



C518D8



F90087

# Triad

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



C518D8



9B6C00



0095B9

# Complementary

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



C518D8



2BD818

# 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.



009362



C518D8



478300

# Square

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



C518D8



D73C00



008E00



0092FF

# Rectangle

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



C518D8



FF0050



008E00



00949D



# Sweetspot

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



C518D8



F8BAFF



182BD8



7B5780



000000



808080



# Same Dimension

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



C518D8



E600FF



D8188B



6A606B



9A00AB



27002B



# Inverse Universe

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



D8182B



FF0019



18D865



6B6061



AB0011



2B0004



# Previews

## White Background



This preview shows how the Hex color C518D8 looks on a white background.

## Color Contrast Check

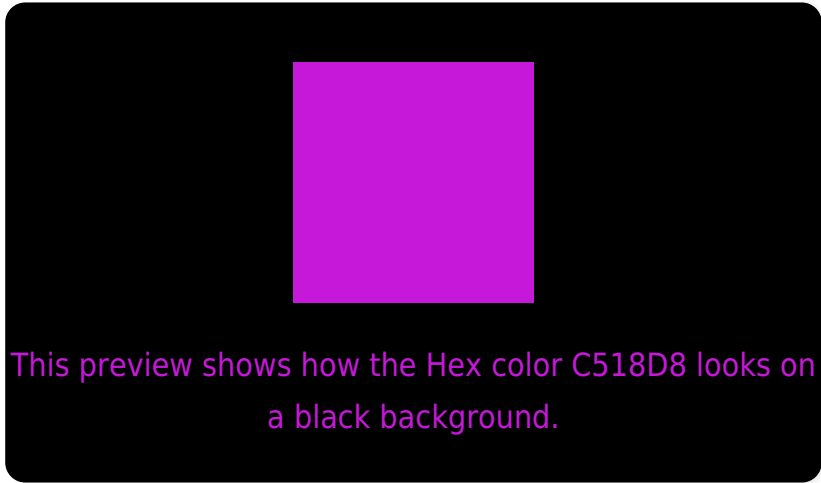
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

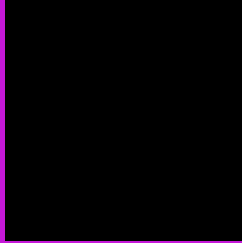
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C518D8 Background



This preview shows how black text looks on a background with the Hex color C518D8.

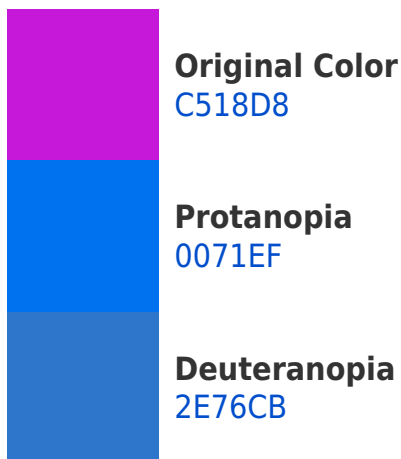



This preview shows how white text looks on a background with the Hex color C518D8.

# 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**  
B6575D

# Trichromacy



**Original Color**  
C518D8



**Protanomaly**  
4851E7



**Deuteranomaly**  
6554D0



**Tritanomaly**  
BB408A

# Monochromacy



**Original Color**  
C518D8



**Achromatopsia**  
626262



**Achromatomaly**  
86478D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C518D8 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 #C518D8 looks like.

```
.text, #text, p{  
    color:#C518D8  
}
```

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 #C518D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C518D8
}
```

## Border

The CSS property to change the border of an element to Hex C518D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

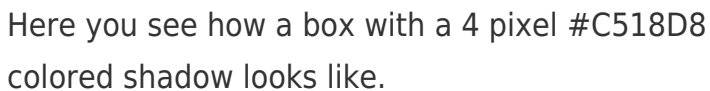
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C518D8 }
```

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

```
.border{ border-color:#C518D8 }
```

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



Here you see how a box with a 4 pixel `#C518D8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C518D8; -webkit-box-shadow:4px 4px  
4px 4px #C518D8; box-shadow:4px 4px 4px  
4px #C518D8 }
```

# Background

The CSS property to change the background color of an element to Hex C518D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C518D8 }
```

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

```
.background{ background-color:#C518D8 }
```

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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