

# Converting Colors

Hex(C516AF)

Have a look what the booklet for  
Hex(C516AF) contains.

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**Color**

**Hex(C516AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C516AF
RGB	197, 22, 175
RGB Percent	77%, 9%, 69%
CMY	0.2275, 0.9137, 0.3137
CMYK	0.00, 0.89, 0.11, 0.23
HSL	308°, 80%, 43%
HSV	308°, 89%, 77%
XYZ	31.0507, 15.5393, 41.9203
YIQ	91.7670, 55.1870, 84.6830

# Conversions

## Conversions Part 2

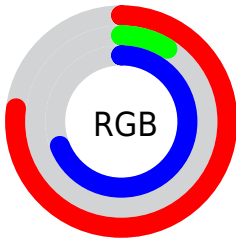
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 22, 175
Decimal	12916399
CIELab	46.36, 75.55, -37.97
CIELCh	46, 84.556, 333.316
Yxy	15.5393, 0.3508, 0.1756
Android (android.graphics.Color)	4291106479 (0xFFC516AF)
YUV	91.7670, 41.0339, 92.2893
Hunter-Lab	39.4199, 71.6182, -35.4568

# Details

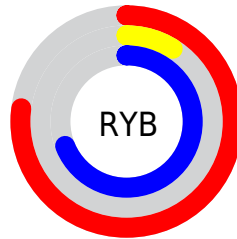
The Hex color **C516AF** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **16C52C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF60E7**, and **8B007A** is the 20% darker color. If you saturate the color by 10%, you get **C502AD**, and if you desaturate by 10%, it is **C52AB1**.

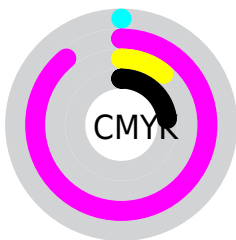
# Distribution



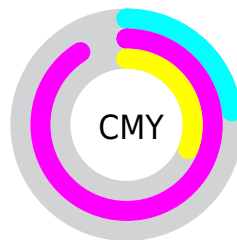
- Red (77%)
- Green (9%)
- Blue (69%)



- Red (77%)
- Yellow (9%)
- Blue (69%)



- Cyan (0%)
- Magenta (89%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (91%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C516AF 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 C516AF by changing the saturation by 10% instead.



 C516AF

 C516AF

FFFFFF

 A80094

 FF60E7

 8B007A

 FF7EFF

 6E0061

 FF9BFF

 520048

 FFB8FF

 370031

 FFD6FF

 16001B

 FFF4FF

 000000

 C516AF

 C516AF

 C502AD

 C52AB1

 C500AC

 C53DB4

 C551B6

 C565B9

 C579BB

 C58CBE

 C5A0C0

 C5B4C3

 C5C7C5

# Harmonies

## Analogous

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



6C56E7



C516AF



E40069

# Triad

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



C516AF



806E00



008ABB

# Complementary

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



C516AF



16C52C

# 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.



008A74



C516AF



2F7F00

# Square

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



C516AF



B74F00



008626



0085EE

# Rectangle

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



C516AF



E2003B



008626



008AA5



# Sweetspot

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



C516AF



FFBAF6



2A16C5



80577A



000000



808080



# Same Dimension

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



C516AF



FF00DF



C51659



635A62



A3008F



24001F



# Inverse Universe

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



C516AF



FF00DF



16C582



635A62



A3008F



24001F



# Previews

## White Background



This preview shows how the Hex color C516AF looks on a white background.

## Color Contrast Check

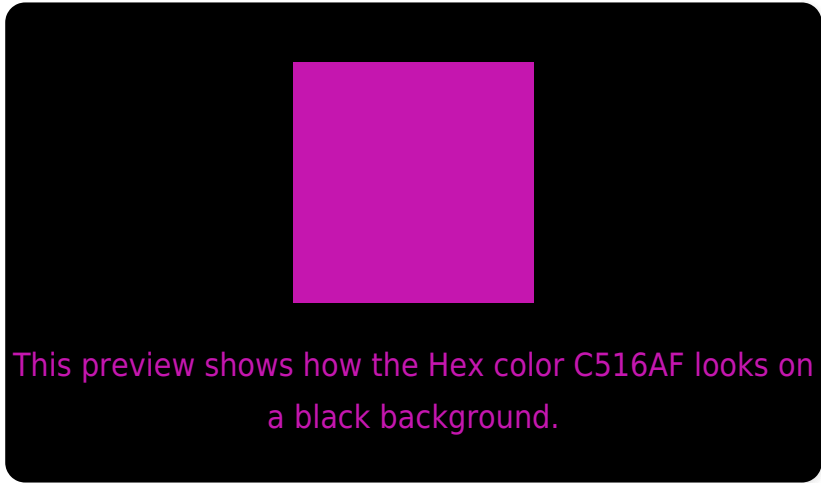
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

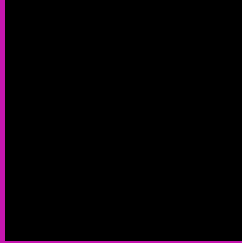
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C516AF Background



This preview shows how black text looks on a background with the Hex color C516AF.

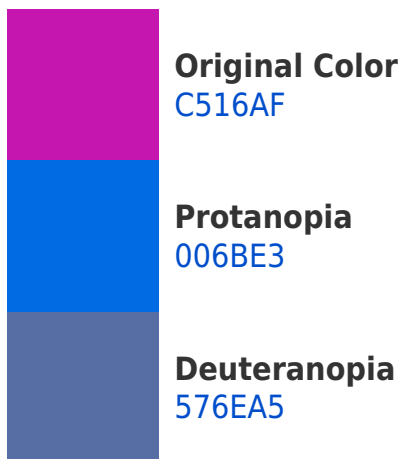


This preview shows how white text looks on a background with the Hex color C516AF.

# 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**  
BC474B

# Trichromacy



**Original Color**  
C516AF



**Protanomaly**  
484CD0



**Deuteranomaly**  
7F4EA9



**Tritanomaly**  
BF356F

# Monochromacy



**Original Color**  
C516AF



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
82437A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C516AF 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 #C516AF looks like.

```
.text, #text, p{  
    color:#C516AF  
}
```

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 #C516AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C516AF
}
```

## Border

The CSS property to change the border of an element to Hex C516AF 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
#C516AF }
```

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

```
.border{ border-color:#C516AF }
```

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

Here you see how a box with a 4 pixel #C516AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C516AF; -webkit-box-shadow:4px 4px  
4px 4px #C516AF; box-shadow:4px 4px 4px  
4px #C516AF }
```

# Background

The CSS property to change the background color of an element to Hex C516AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C516AF }
```

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

```
.background{ background-color:#C516AF }
```

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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