

# Converting Colors

Hex(C536C9)

Have a look what the booklet for  
Hex(C536C9) contains.

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**Color**

**Hex(C536C9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C536C9
RGB	197, 54, 201
RGB Percent	77%, 21%, 79%
CMY	0.2275, 0.7882, 0.2118
CMYK	0.02, 0.73, 0.00, 0.21
HSL	298°, 58%, 50%
HSV	298°, 73%, 79%
XYZ	34.8877, 18.7257, 57.0340
YIQ	113.5150, 38.0410, 76.0330

# Conversions

## Conversions Part 2

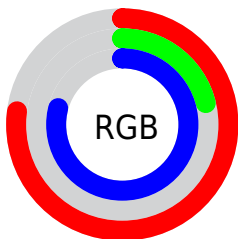
Format	Color
R <sub>Y</sub> B	197, 54, 201
Decimal	12924617
CIE Lab	50.36, 71.94, -46.80
CIE LCh	50, 85.826, 326.956
Yxy	18.7257, 0.3153, 0.1692
Android (android.graphics.Color)	4291114697 (0xFFC536C9)
YUV	113.5150, 43.1301, 73.2163
Hunter-Lab	43.2732, 68.1823, -47.8528

# Details

The Hex color **C536C9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3AC936**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF73FF**, and **8B0092** is the 20% darker color. If you saturate the color by 10%, you get **C422C9**, and if you desaturate by 10%, it is **C64AC9**.

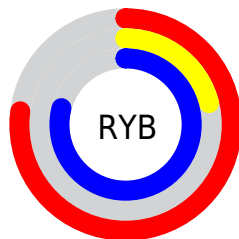
# Distribution



Red (77%)

Green (21%)

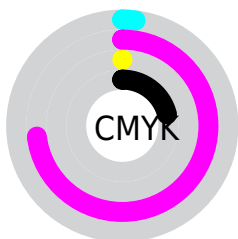
Blue (79%)



Red (77%)

Yellow (21%)

Blue (79%)

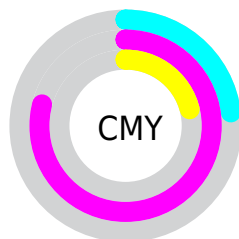


Cyan (2%)

Magenta (73%)

Yellow (0%)

Black (21%)



Cyan (23%)

Magenta (79%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C536C9 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 C536C9 by changing the saturation by 10% instead.



 C536C9

 C536C9

FFFFFF

 A807AD

 FF73FF

 8B0092

 FF90FF

 6F0078

 FFADFF

 53005F

 FFCAFF

 3A0046

 FFE7FF

 1B002F

 000119

 000000

 C536C9

 C536C9

 C422C9

 C64AC9

 C40EC9

 C65EC9

 C400C9

 C772C9

 C786C9

 C89BC9

 C8AFC9

 C9C3C9

 C9D7C9

 CAEBC9

# Harmonies

## Analogous

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



5368FC



C536C9



EF0083

# Triad

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



C536C9



997300



0096B9

# Complementary

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



C536C9



3AC936

# 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.



00956E



C536C9



508700

# Square

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



C536C9



CE5000



00901A



0092F3

# Rectangle

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



C536C9



F30053



00901A



0096A1



# Sweetspot

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



C536C9



FDC7FF



363BC9



7F5E80



000000



808080



# Same Dimension

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



C536C9



F91FFF



C93684



635A63



9F00A3



230024



# Inverse Universe

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



C9363A



FF1F25



36C97B



635A5A



A30004



240001



# Previews

## White Background



This preview shows how the Hex color C536C9 looks on a white background.

## Color Contrast Check

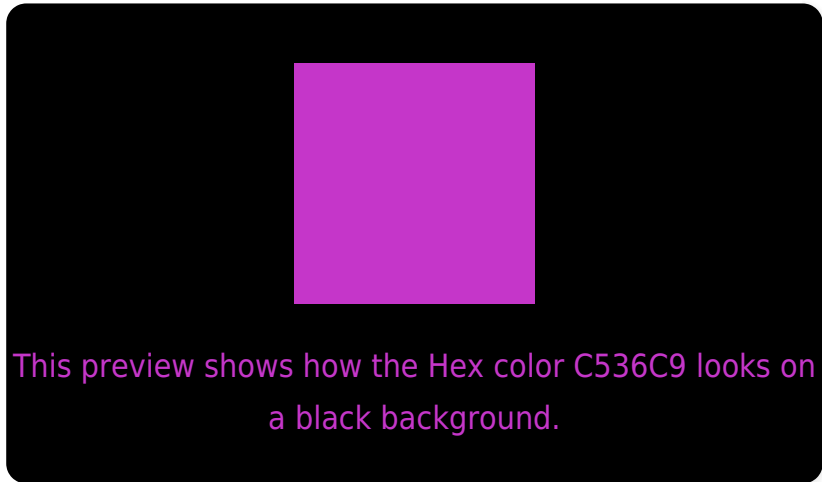
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

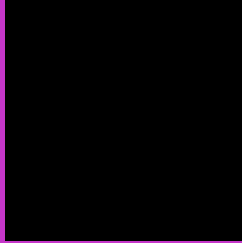
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C536C9 Background



This preview shows how black text looks on a background with the Hex color C536C9.



This preview shows how white text looks on a background with the Hex color C536C9.

# 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](#).

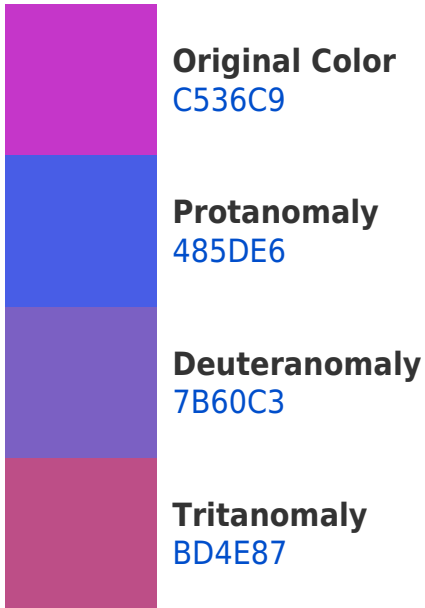
## Dichromacy





**Tritanopia**  
B95B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C536C9 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 #C536C9 looks like.

```
.text, #text, p{  
    color:#C536C9  
}
```

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 #C536C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C536C9
}
```

## Border

The CSS property to change the border of an element to Hex C536C9 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
#C536C9 }
```

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

```
.border{ border-color:#C536C9 }
```

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

Here you see how a box with a 4 pixel #C536C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C536C9; -webkit-box-shadow:4px 4px  
4px 4px #C536C9; box-shadow:4px 4px 4px  
4px #C536C9 }
```

# Background

The CSS property to change the background color of an element to Hex C536C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C536C9 }
```

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

```
.background{ background-color:#C536C9 }
```

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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