

# Converting Colors

Hex(C130C6)

Have a look what the booklet for  
Hex(C130C6) contains.

<b>Hex(C130C6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C130C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C130C6
RGB	193, 48, 198
RGB Percent	76%, 19%, 78%
CMY	0.2431, 0.8118, 0.2235
CMYK	0.03, 0.76, 0.00, 0.22
HSL	298°, 61%, 48%
HSV	298°, 76%, 78%
XYZ	33.2423, 17.5286, 55.0574
YIQ	108.4550, 38.2700, 77.3900

# Conversions

## Conversions Part 2

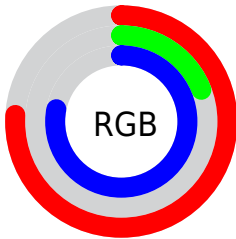
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 48, 198
Decimal	12660934
CIE <sub>Lab</sub>	48.92, 72.46, -47.41
CIE <sub>LCh</sub>	49, 86.586, 326.804
Yxy	17.5286, 0.3141, 0.1656
Android (android.graphics.Color)	4290851014 (0xFFC130C6)
YUV	108.4550, 44.1457, 74.1460
Hunter-Lab	41.8671, 68.4606, -48.6623

# Details

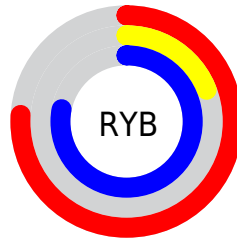
The Hex color **C130C6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **35C630**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FD6EFF**, and **87008F** is the 20% darker color. If you saturate the color by 10%, you get **C01CC6**, and if you desaturate by 10%, it is **C244C6**.

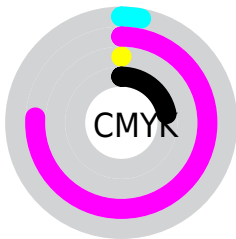
# Distribution



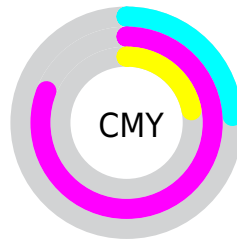
- Red (76%)
- Green (19%)
- Blue (78%)



- Red (76%)
- Yellow (19%)
- Blue (78%)



- Cyan (3%)
- Magenta (76%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (81%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C130C6 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 C130C6 by changing the saturation by 10% instead.



 C130C6

 C130C6

FFFFFF

 A400AA

 FD6EFF

 87008F

 FF8BFF

 6B0075

 FFA8FF

 4F005C

 FFC5FF

 360044

 FFE3FF

 15002C

 000116

 000000

 C130C6

 C130C6

 C01CC6

 C244C6

 C008C6

 C258C6

 BF00C6

 C36BC6

 C47FC6

 C493C6

 C5A7C6

 C6BBC6

 C6CEC6

 C7E2C6

# Harmonies

## Analogous

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



4B64FA



C130C6



EB007F

# Triad

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



C130C6



956F00



0092B5

# Complementary

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



C130C6



35C630

# 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.



00916A



C130C6



4C8300

# Square

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



C130C6



CA4B00



008D13



008EF0

# Rectangle

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



C130C6



EF004F



008D13



00929D



# Sweetspot

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



C130C6



FDC4FF



3035C6



7E5C80



000000



808080



# Same Dimension

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



C130C6



F717FF



C63080



635A63



9E00A3



230024



# Inverse Universe

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



C63035



FF171F



30C676



635A5A



A30005



240001



# Previews

## White Background



This preview shows how the Hex color C130C6 looks on a white background.

## Color Contrast Check

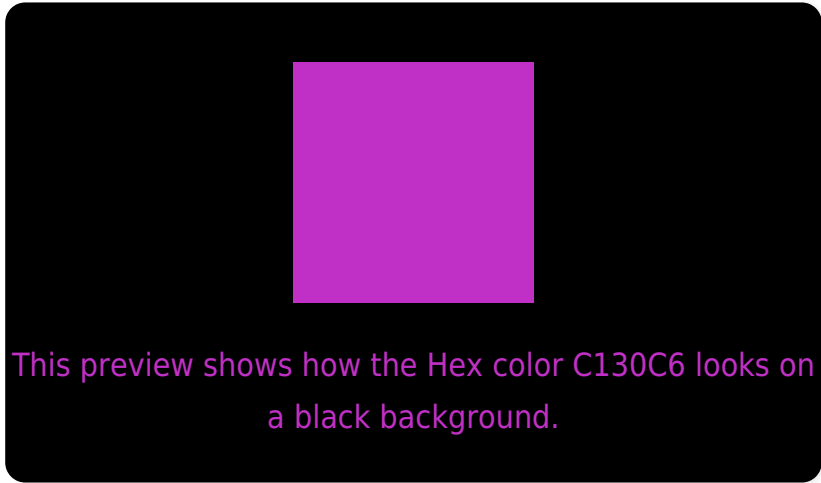
Large Text (above 18pt) WCAG AA ✓ Pass

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

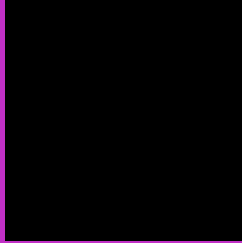
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C130C6 Background



This preview shows how black text looks on a background with the Hex color C130C6.

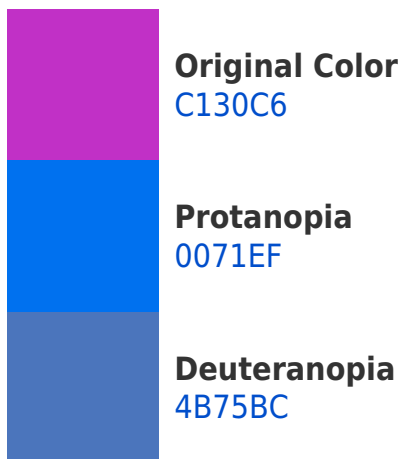



This preview shows how white text looks on a background with the Hex color C130C6.

# 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](#).

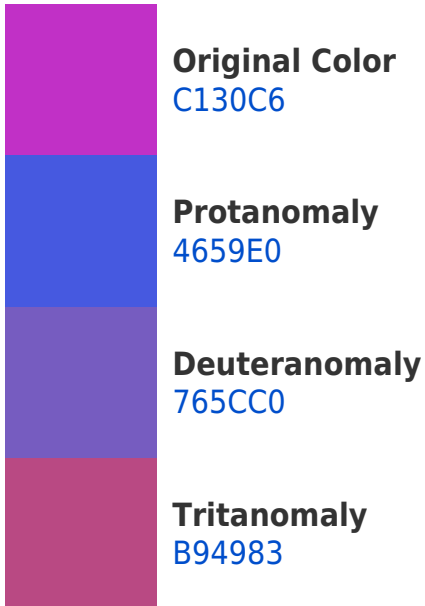
## Dichromacy





**Tritanopia**  
B5575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C130C6 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 #C130C6 looks like.

```
.text, #text, p{  
    color:#C130C6  
}
```

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 #C130C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C130C6
}
```

## Border

The CSS property to change the border of an element to Hex C130C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

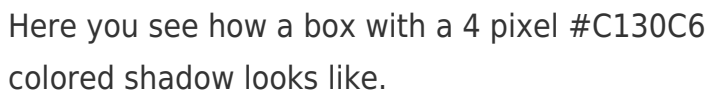
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C130C6 }
```

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

```
.border{ border-color:#C130C6 }
```

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



Here you see how a box with a 4 pixel `#C130C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C130C6; -webkit-box-shadow:4px 4px  
4px 4px #C130C6; box-shadow:4px 4px 4px  
4px #C130C6 }
```

# Background

The CSS property to change the background color of an element to Hex C130C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C130C6 }
```

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

```
.background{ background-color:#C130C6 }
```

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