

Converting Colors

Hex(C184E2)

Have a look what the booklet for
Hex(C184E2) contains.

Hex(C184E2)	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(C184E2)

Conversions

Conversions Part 1

Format	Color
Hex	C184E2
RGB	193, 132, 226
RGB Percent	76%, 52%, 89%
CMY	0.2431, 0.4824, 0.1137
CMYK	0.15, 0.42, 0.00, 0.11
HSL	279°, 62%, 70%
HSV	279°, 42%, 89%
XYZ	43.9711, 33.3310, 76.0675
YIQ	160.9550, 6.1820, 42.1660

Conversions

Conversions Part 2

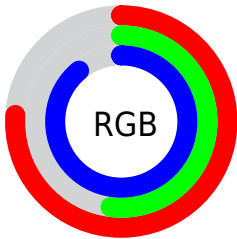
Format	Color
RYB	193, 132, 226
Decimal	12682466
CIELab	64.43, 40.03, -38.79
CIELCh	64, 55.746, 315.899
Yxy	33.3310, 0.2867, 0.2173
Android (android.graphics.Color)	4290872546 (0xFFC184E2)
YUV	160.9550, 32.0672, 28.1035
Hunter-Lab	57.7330, 34.9179, -37.7059

Details

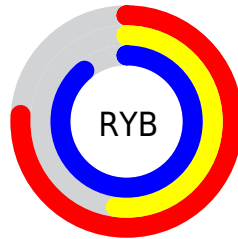
The Hex color **C184E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A5E284**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FBBAFF**, and **8A51AA** is the 20% darker color. If you saturate the color by 10%, you get **B96DE2**, and if you desaturate by 10%, it is **C99BE2**.

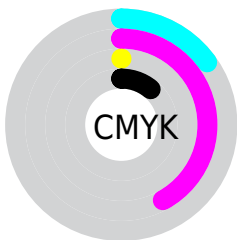
Distribution



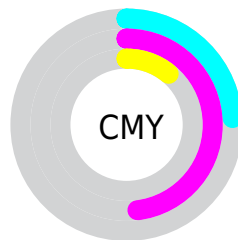
- Red (76%)
- Green (52%)
- Blue (89%)



- Red (76%)
- Yellow (52%)
- Blue (89%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (48%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C184E2 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 C184E2 by changing the saturation by 10% instead.

 C184E2

 C184E2

FFFFFF

 A56AC6

 FBBAFF

 8A51AA

 FFD6FF

 6F388F

 FFF3FF

 552075

 3B045C

 230044

 01002D

 000117


 000000

 C184E2

 C184E2

 B96DE2

 C99BE2

 B157E2

 D1B1E2

 A940E2

 D9C8E2

 A12AE2

 E1DEE2

 9913E2

 E9F5E2

 9300E2

 F1FFE2

 F9FFE2

 FFFFE2

Harmonies

Analogous

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



7498FC



C184E2



EB73B6

Triad

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



C184E2



CB9138



00B5B6

Complementary

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



C184E2



A5E284

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.



00B382



C184E2



9EA235

Square

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



C184E2



EB7E57



65AD53



00B2E3

Rectangle

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



C184E2



F76F94



65AD53



00B5A5

Sweetspot

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



C184E2



F4E0FF



84A6E2



796E80



000000



808080

Same Dimension

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



C184E2



D280FF



E284D5



6C6570



7200B0



1F0030

Inverse Universe

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



E284A5



FF80AC



84E291



706569



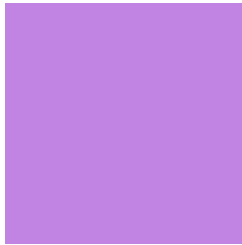
B0003E



300011

Previews

White Background



This preview shows how the Hex color C184E2 looks on a white background.

Color Contrast Check

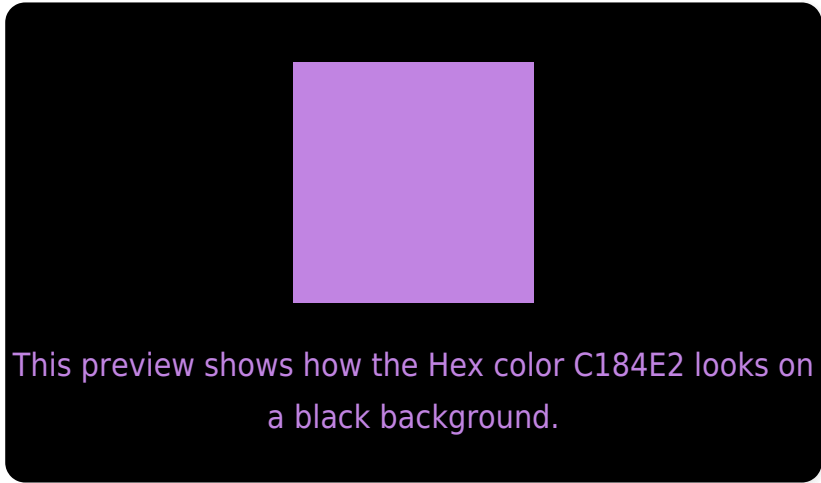
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

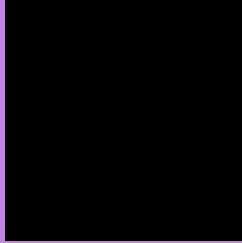
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C184E2 Background



This preview shows how black text looks on a background with the Hex color C184E2.

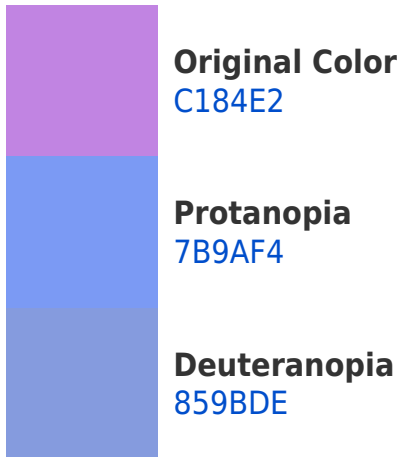



This preview shows how white text looks on a background with the Hex color C184E2.

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](#).

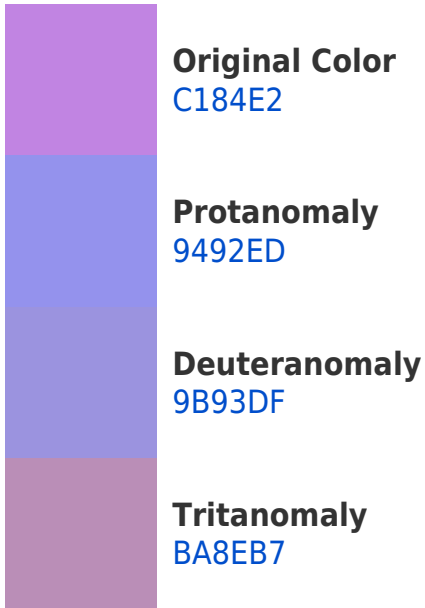
Dichromacy



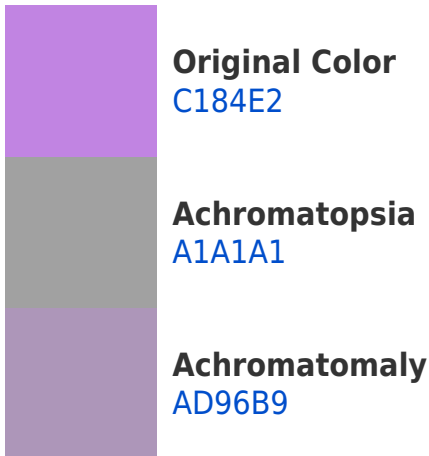


Tritanopia
B6939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C184E2 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 #C184E2 looks like.

```
.text, #text, p{  
    color:#C184E2  
}
```

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 #C184E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C184E2
}
```

Border

The CSS property to change the border of an element to Hex C184E2 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
#C184E2 }
```

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

```
.border{ border-color:#C184E2 }
```

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

Here you see how a box with a 4 pixel #C184E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C184E2; -webkit-box-shadow:4px 4px  
4px 4px #C184E2; box-shadow:4px 4px 4px  
4px #C184E2 }
```

Background

The CSS property to change the background color of an element to Hex C184E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C184E2 }
```

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

```
.background{ background-color:#C184E2 }
```

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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