

Converting Colors

Hex(C086E2)

Have a look what the booklet for
Hex(C086E2) contains.

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Color

Hex(C086E2)

Conversions

Conversions Part 1

Format	Color
Hex	C086E2
RGB	192, 134, 226
RGB Percent	75%, 53%, 89%
CMY	0.2471, 0.4745, 0.1137
CMYK	0.15, 0.41, 0.00, 0.11
HSL	278°, 61%, 71%
HSV	278°, 41%, 89%
XYZ	43.9908, 33.7476, 76.1469
YIQ	161.8300, 5.0360, 40.9080

Conversions

Conversions Part 2

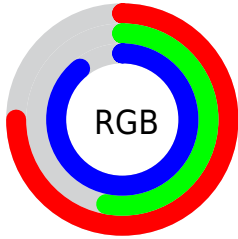
Format	Color
RYB	192, 134, 226
Decimal	12617442
CIELab	64.76, 38.65, -38.28
CIElCh	65, 54.400, 315.276
Yxy	33.7476, 0.2859, 0.2193
Android (android.graphics.Color)	4290807522 (0xFFC086E2)
YUV	161.8300, 31.6358, 26.4591
Hunter-Lab	58.0927, 33.5071, -37.0513

Details

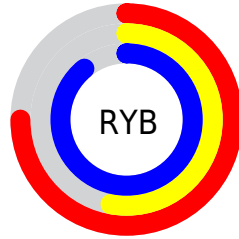
The Hex color **C086E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8E286**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FABCFF**, and **8953AA** is the 20% darker color. If you saturate the color by 10%, you get **B86FE2**, and if you desaturate by 10%, it is **C89DE2**.

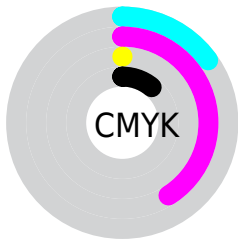
Distribution



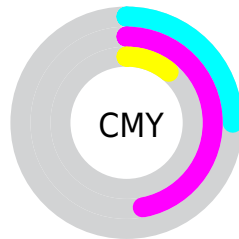
- Red (75%)
- Green (53%)
- Blue (89%)



- Red (75%)
- Yellow (53%)
- Blue (89%)



- Cyan (15%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C086E2 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 C086E2 by changing the saturation by 10% instead.

 C086E2

 C086E2

FFFFFF

 A46CC6

 FABCFF

 8953AA

 FFD8FF

 6E3A8F

 FFF5FF

 542275

 3B085C

 220044

 01002D

 000118

 000000

 C086E2

 C086E2

 B86FE2

 C89DE2

 AF59E2

 D1B3E2

 A742E2

 D9CAE2

 9F2CE2

 E1E0E2

 9615E2

 EAF7E2

 8E00E2

 F2FFE2

 FAFFE2

 FFFFE2

Harmonies

Analogous

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



749AFB



C086E2



EA75B7

Triad

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



C086E2



CC923C



00B5B5

Complementary

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



C086E2



A8E286

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.



00B483



C086E2



A0A239

Square

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



C086E2



EB7F5A



69AD55



00B2E1

Rectangle

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



C086E2



F67296



69AD55



00B5A4

Sweetspot

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



C086E2



F4E0FF



86A9E2



796E80



000000



808080

Same Dimension

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



C086E2



D182FF



E286D7



6C6570



6F00B0



1F0030

Inverse Universe

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



E286A8



FF82B0



86E291



706569



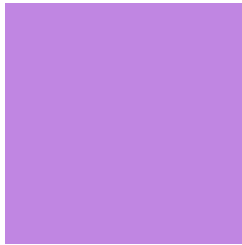
B00041



300012

Previews

White Background



This preview shows how the Hex color C086E2 looks on a white background.

Color Contrast Check

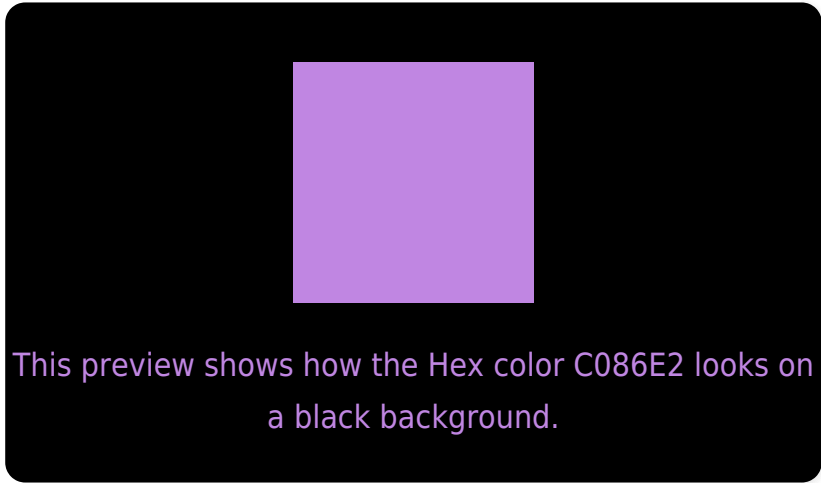
Large Text (above 18pt) WCAG AA × Fail

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

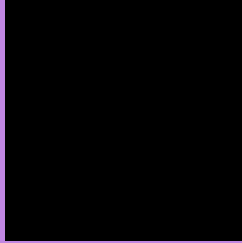
Any Text WCAG AA ✓ Pass

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 C086E2 Background



This preview shows how black text looks on a background with the Hex color C086E2.

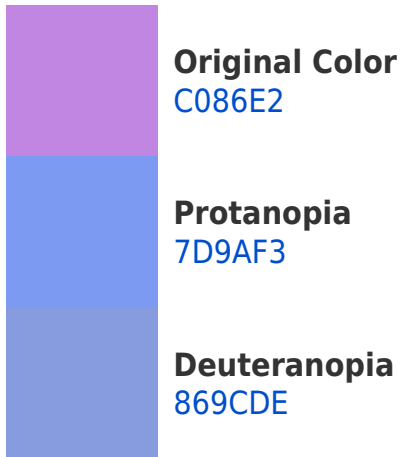


This preview shows how white text looks on a background with the Hex color C086E2.

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](#).

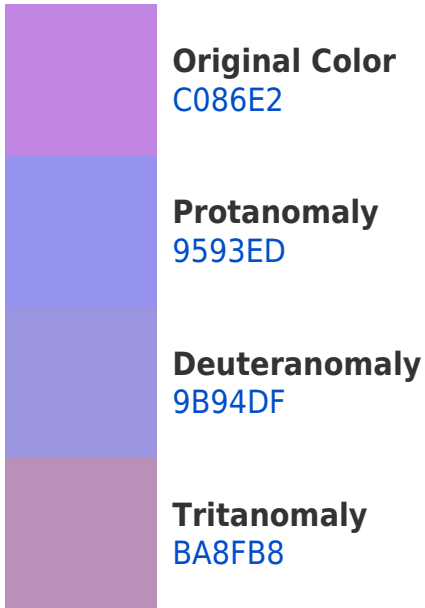
Dichromacy



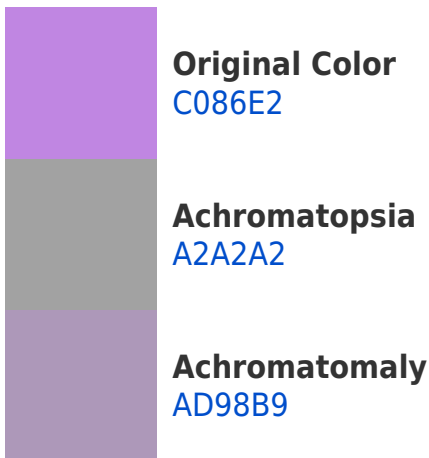


Tritanopia
B694A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C086E2 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 #C086E2 looks like.

```
.text, #text, p{  
  color:#C086E2  
}
```

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 #C086E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C086E2
}
```

Border

The CSS property to change the border of an element to Hex C086E2 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
#C086E2 }
```

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

```
.border{ border-color:#C086E2 }
```

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

Here you see how a box with a 4 pixel #C086E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C086E2; -webkit-box-shadow:4px 4px  
4px 4px #C086E2; box-shadow:4px 4px 4px  
4px #C086E2 }
```

Background

The CSS property to change the background color of an element to Hex C086E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C086E2 }
```

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

```
.background{ background-color:#C086E2 }
```

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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