

Converting Colors

Hex(CE65E8)

Have a look what the booklet for
Hex(CE65E8) contains.

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Color

Hex(CE65E8)

Conversions

Conversions Part 1

Format	Color
Hex	CE65E8
RGB	206, 101, 232
RGB Percent	81%, 40%, 91%
CMY	0.1922, 0.6039, 0.0902
CMYK	0.11, 0.56, 0.00, 0.09
HSL	288°, 74%, 65%
HSV	288°, 56%, 91%
XYZ	44.6728, 28.2554, 79.4432
YIQ	147.3290, 20.5290, 63.0010

Conversions

Conversions Part 2

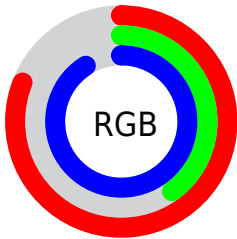
Format	Color
R _{YB}	206, 101, 232
Decimal	13526504
CIE _{Lab}	60.12, 60.65, -48.81
CIE _{LCh}	60, 77.855, 321.174
Yxy	28.2554, 0.2932, 0.1854
Android (android.graphics.Color)	4291716584 (0xFFCE65E8)
YUV	147.3290, 41.7428, 51.4545
Hunter-Lab	53.1558, 56.9910, -51.4020

Details

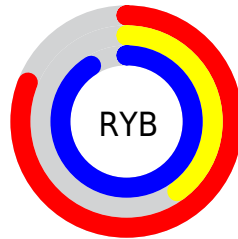
The Hex color **CE65E8** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **7FE865**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9CFF**, and **952DB0** is the 20% darker color. If you saturate the color by 10%, you get **C94EE8**, and if you desaturate by 10%, it is **D37CE8**.

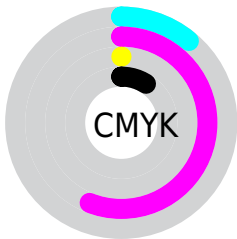
Distribution



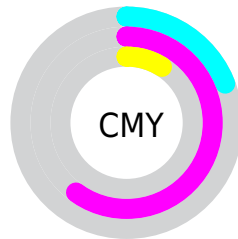
- Red (81%)
- Green (40%)
- Blue (91%)



- Red (81%)
- Yellow (40%)
- Blue (91%)



- Cyan (11%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE65E8 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 CE65E8 by changing the saturation by 10% instead.

 CE65E8

 CE65E8

FFFFFF

 B149CC

 FF9CFF

 952DB0

 FFB8FF

 790495

 FFD5FF

 5D007A

 FFF2FF

 420061

 2A0048

 000031

 00011B

 000000

 CE65E8

 CE65E8

 C94EE8

 D37CE8

 C537E8

 D793E8

 C01FE8

 DCABE8

 BC08E8

 E0C2E8

 BA00E8

 E5D9E8

 EAF0E8

 EEFFE8

 F3FFE8

 F7FFE8

Harmonies

Analogous

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



5B88FF



CE65E8



FF44A8

Triad

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



CE65E8



BF8700



00AFC1

Complementary

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



CE65E8



7FE865

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.



00AE7A



CE65E8



809C00

Square

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



CE65E8



EF6822



00A831



00ABFB

Rectangle

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



CE65E8



FF407A



00A831



00AFAA

Sweetspot

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



CE65E8



F6D4FF



657FE8



7A6680



000000



808080

Same Dimension

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



CE65E8



DD52FF



E865C1



706773



8F00B3



290033

Inverse Universe

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



E8657F



FF5274



65E88C



73676A



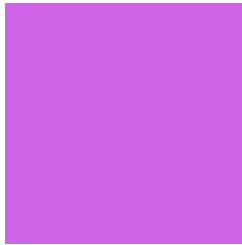
B30023



33000A

Previews

White Background



This preview shows how the Hex color CE65E8 looks on a white background.

Color Contrast Check

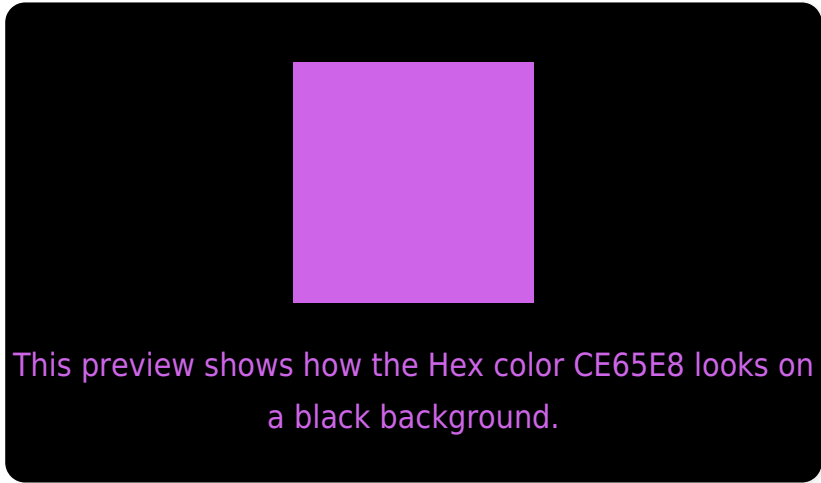
Large Text (above 18pt) WCAG AA ✓ Pass

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

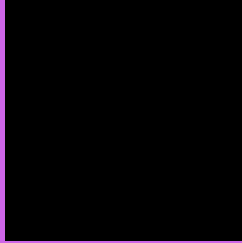
Any Text WCAG AA ✓ Pass

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 CE65E8 Background



This preview shows how black text looks on a background with the Hex color CE65E8.

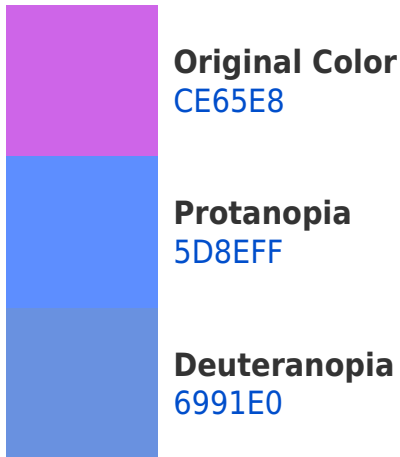


This preview shows how white text looks on a background with the Hex color CE65E8.

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
C17E88

Trichromacy



Original Color
CE65E8



Protanomaly
867FF7



Deuteranomaly
8E81E3



Tritanomaly
C675AB

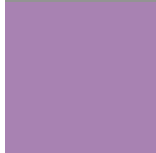
Monochromacy



Original Color
CE65E8



Achromatopsia
939393



Achromatomaly
A882B2

CSS Examples

Text

The CSS property to change the color of the text to Hex CE65E8 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 #CE65E8 looks like.

```
.text, #text, p{  
    color:#CE65E8  
}
```

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 #CE65E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE65E8
}
```

Border

The CSS property to change the border of an element to Hex CE65E8 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".

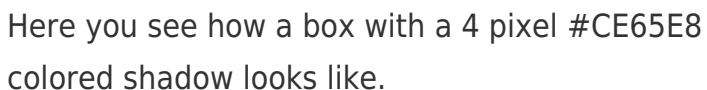
```
.border, #border, table{ border:4px solid
#CE65E8 }
```

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

```
.border{ border-color:#CE65E8 }
```

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

Here you see how a box with a 4 pixel #CE65E8 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE65E8; -webkit-box-shadow:4px 4px  
4px 4px #CE65E8; box-shadow:4px 4px 4px  
4px #CE65E8 }
```

Background

The CSS property to change the background color of an element to Hex CE65E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE65E8 }
```

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

```
.background{ background-color:#CE65E8 }
```

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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