

Converting Colors

Hex(CD65E8)

Have a look what the booklet for
Hex(CD65E8) contains.

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Color

Hex(CD65E8)

Conversions

Conversions Part 1

Format	Color
Hex	CD65E8
RGB	205, 101, 232
RGB Percent	80%, 40%, 91%
CMY	0.1961, 0.6039, 0.0902
CMYK	0.12, 0.56, 0.00, 0.09
HSL	288°, 74%, 65%
HSV	288°, 56%, 91%
XYZ	44.3960, 28.1127, 79.4303
YIQ	147.0300, 19.9330, 62.7890

Conversions

Conversions Part 2

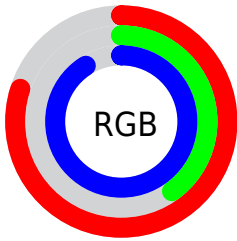
Format	Color
R _Y B	205, 101, 232
Decimal	13460968
CIE Lab	59.99, 60.40, -49.02
CIE LCh	60, 77.792, 320.936
Yxy	28.1127, 0.2922, 0.1850
Android (android.graphics.Color)	4291651048 (0xFFCD65E8)
YUV	147.0300, 41.8902, 50.8397
Hunter-Lab	53.0214, 56.6746, -51.7062

Details

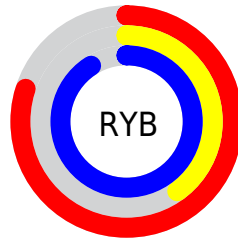
The Hex color **CD65E8** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **80E865**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9CFF**, and **942DB0** is the 20% darker color. If you saturate the color by 10%, you get **C84EE8**, and if you desaturate by 10%, it is **D27CE8**.

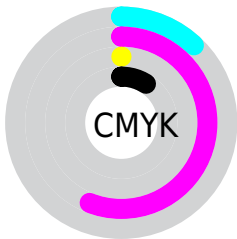
Distribution



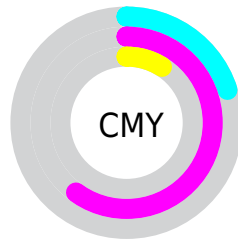
- Red (80%)
- Green (40%)
- Blue (91%)



- Red (80%)
- Yellow (40%)
- Blue (91%)



- Cyan (12%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD65E8 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 CD65E8 by changing the saturation by 10% instead.

 CD65E8

 CD65E8

FFFFFF

 B04ACC

 FF9CFF

 942DB0

 FFB8FF

 780595

 FFD5FF

 5C007A

 FFF2FF

 410061

 2A0048

 000031

 00011B

 000000

 CD65E8

 CD65E8

 C84EE8

 D27CE8

 C337E8

 D793E8

 BF1FE8

 DBABE8

 BA08E8

 E0C2E8

 B800E8

 E5D9E8

 EAF0E8

 EEFFE8

 F3FFE8

 F8FFE8

Harmonies

Analogous

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



5988FF



CD65E8



FF43A8

Triad

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



CD65E8



BF8600



00AFC0

Complementary

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



CD65E8



80E865

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.



00AE79



CD65E8



819B00

Square

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



CD65E8



EF6722



01A830



00ABFB

Rectangle

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



CD65E8



FF407B



01A830



00AFA9

Sweetspot

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



CD65E8



F6D4FF



6581E8



7A6680



000000



808080

Same Dimension

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



CD65E8



DB52FF



E865C3



706773



8E00B3



280033

Inverse Universe

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



E86580



FF5275



65E88A



73676A



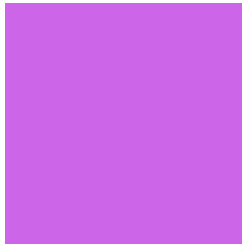
B30025



33000B

Previews

White Background



This preview shows how the Hex color CD65E8 looks on a white background.

Color Contrast Check

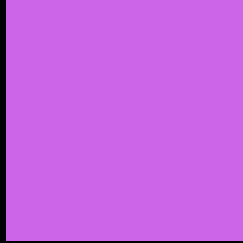
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color CD65E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

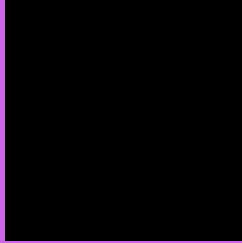
Any Text WCAG AA ✓ Pass

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 CD65E8 Background



This preview shows how black text looks on a background with the Hex color CD65E8.

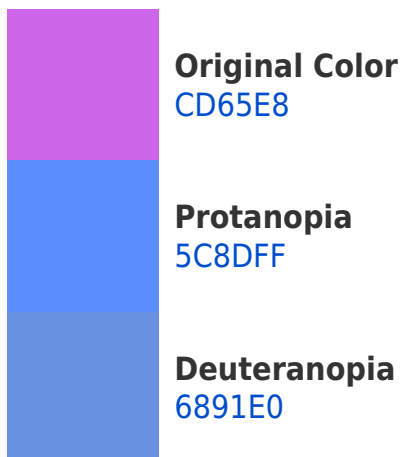


This preview shows how white text looks on a background with the Hex color CD65E8.

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](#).

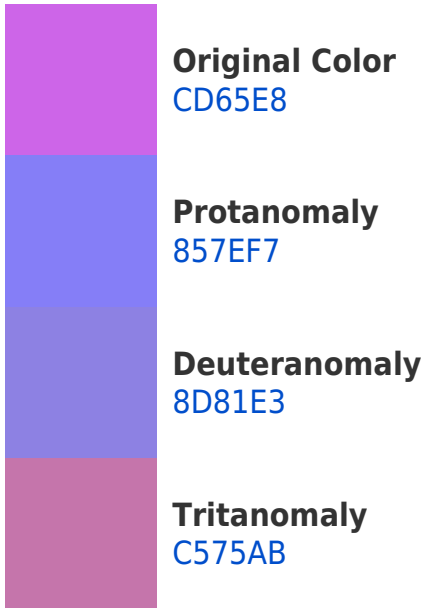
Dichromacy



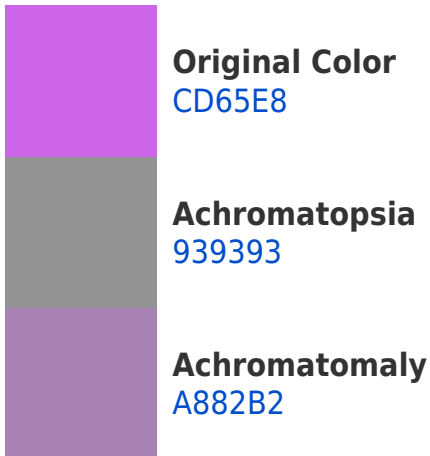


Tritanopia
C07E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD65E8 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 #CD65E8 looks like.

```
.text, #text, p{  
    color:#CD65E8  
}
```

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 #CD65E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD65E8
}
```

Border

The CSS property to change the border of an element to Hex CD65E8 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
#CD65E8 }
```

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

```
.border{ border-color:#CD65E8 }
```

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

Here you see how a box with a 4 pixel #CD65E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD65E8; -webkit-box-shadow:4px 4px  
4px 4px #CD65E8; box-shadow:4px 4px 4px  
4px #CD65E8 }
```

Background

The CSS property to change the background color of an element to Hex CD65E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD65E8 }
```

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

```
.background{ background-color:#CD65E8 }
```

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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