

Converting Colors

Hex(C755E8)

Have a look what the booklet for
Hex(C755E8) contains.

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Color

Hex(C755E8)

Conversions

Conversions Part 1

Format	Color
Hex	C755E8
RGB	199, 85, 232
RGB Percent	78%, 33%, 91%
CMY	0.2196, 0.6667, 0.0902
CMYK	0.14, 0.63, 0.00, 0.09
HSL	287°, 76%, 62%
HSV	287°, 63%, 91%
XYZ	41.3672, 24.4653, 78.8859
YIQ	135.8440, 20.7570, 69.8850

Conversions

Conversions Part 2

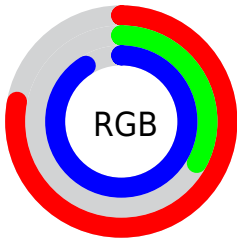
Format	Color
R_{YB}	199, 85, 232
Decimal	13063656
CIE _{Lab}	56.55, 66.20, -54.54
CIE _{LCh}	57, 85.772, 320.514
Yxy	24.4653, 0.2858, 0.1691
Android (android.graphics.Color)	4291253736 (0xFFC755E8)
YUV	135.8440, 47.4049, 55.3878
Hunter-Lab	49.4624, 62.7267, -59.9359

Details

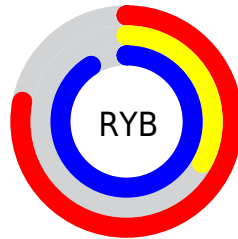
The Hex color **C755E8** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **76E855**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8DFF**, and **8D14B0** is the 20% darker color. If you saturate the color by 10%, you get **C23EE8**, and if you desaturate by 10%, it is **CC6CE8**.

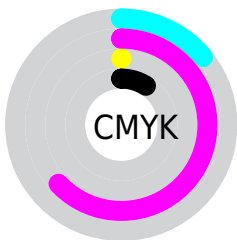
Distribution



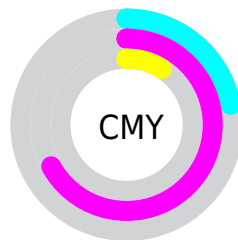
- Red (78%)
- Green (33%)
- Blue (91%)



- Red (78%)
- Yellow (33%)
- Blue (91%)



- Cyan (14%)
- Magenta (63%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (67%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color C755E8 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 C755E8 by changing the saturation by 10% instead.

 C755E8

 C755E8

FFFFFF

 AA38CB

 FF8DFF

 8D14B0

 FFA9FF

 710094

 FFC6FF

 55007A

 FFE3FF

 390060

 1E0048

 000030

 00011A

 000000

 C755E8

 C755E8

 C23EE8

 CC6CE8

 BD27E8

 D183E8

 B70FE8

 D79BE8

 B400E8

 DCB2E8

 E1C9E8

 E6E0E8

 EBF7E8

 F1FFE8

 F6FFE8

Harmonies

Analogous

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



2F7FFF



C755E8



FD1DA3

Triad

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



C755E8



B87C00



00A7BA

Complementary

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



C755E8



76E855

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.



00A66D



C755E8



749300

Square

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



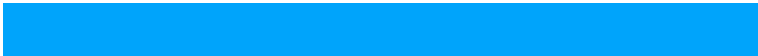
C755E8



EB5701



00A014



00A4FB

Rectangle

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



C755E8



FF1071



00A014



00A7A1

Sweetspot

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



C755E8



F4CFFF



5577E8



796280



000000



808080

Same Dimension

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



C755E8



D33DFF



E855C1



706773



8A00B3



280033

Inverse Universe

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



E85576



FF3D69



55E87C



73676A



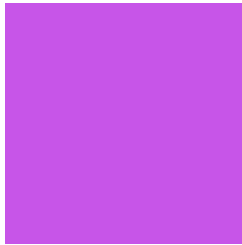
B30028



33000B

Previews

White Background



This preview shows how the Hex color C755E8 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

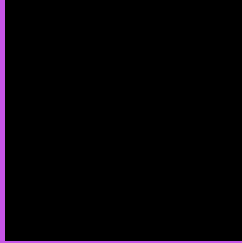
Any Text WCAG AA ✓ Pass

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 C755E8 Background



This preview shows how black text looks on a background with the Hex color C755E8.

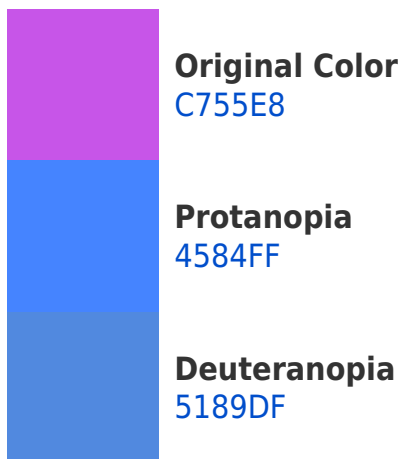


This preview shows how white text looks on a background with the Hex color C755E8.

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](#).

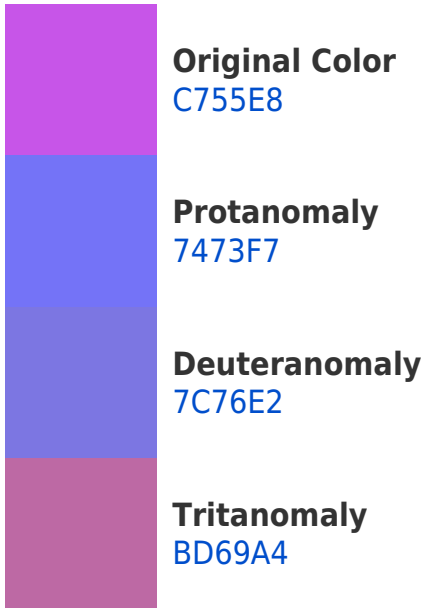
Dichromacy



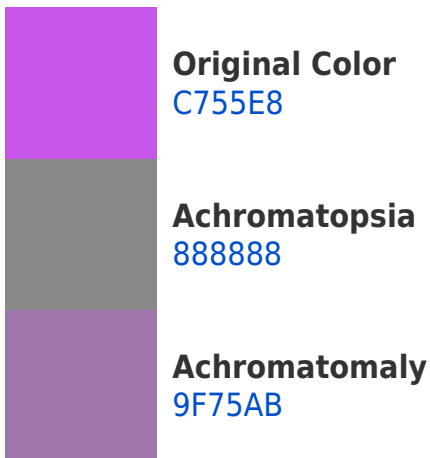


Tritanopia
B8757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C755E8 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 #C755E8 looks like.

```
.text, #text, p{  
    color:#C755E8  
}
```

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 #C755E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C755E8
}
```

Border

The CSS property to change the border of an element to Hex C755E8 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
#C755E8 }
```

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

```
.border{ border-color:#C755E8 }
```

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

Here you see how a box with a 4 pixel #C755E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C755E8; -webkit-box-shadow:4px 4px  
4px 4px #C755E8; box-shadow:4px 4px 4px  
4px #C755E8 }
```

Background

The CSS property to change the background color of an element to Hex C755E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C755E8 }
```

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

```
.background{ background-color:#C755E8 }
```

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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