

Converting Colors

Hex(C945ED)

Have a look what the booklet for
Hex(C945ED) contains.

Hex(C945ED)	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(C945ED)

Conversions

Conversions Part 1

Format	Color
Hex	C945ED
RGB	201, 69, 237
RGB Percent	79%, 27%, 93%
CMY	0.2118, 0.7294, 0.0706
CMYK	0.15, 0.71, 0.00, 0.07
HSL	287°, 82%, 60%
HSV	287°, 71%, 93%
XYZ	41.5016, 22.7882, 82.3319
YIQ	127.6200, 24.7440, 80.2320

Conversions

Conversions Part 2

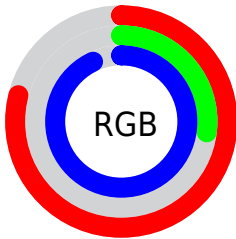
Format	Color
R _Y B	201, 69, 237
Decimal	13190637
CIE Lab	54.85, 73.92, -60.05
CIE LCh	55, 95.237, 320.914
Yxy	22.7882, 0.2831, 0.1554
Android (android.graphics.Color)	4291380717 (0xFFC945ED)
YUV	127.6200, 53.9243, 64.3543
Hunter-Lab	47.7370, 71.6447, -68.8416

Details

The Hex color **C945ED** 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 **69ED45**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF80FF**, and **8E00B4** is the 20% darker color. If you saturate the color by 10%, you get **C42DED**, and if you desaturate by 10%, it is **CE5DED**.

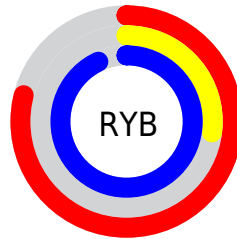
Distribution



Red (79%)

Green (27%)

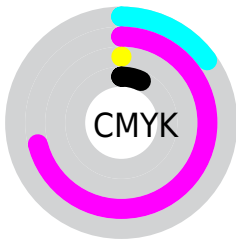
Blue (93%)



Red (79%)

Yellow (27%)

Blue (93%)

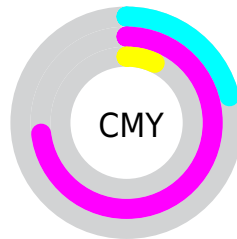


Cyan (15%)

Magenta (71%)

Yellow (0%)

Black (7%)



Cyan (21%)

Magenta (73%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C945ED 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 C945ED by changing the saturation by 10% instead.

 C945ED

 C945ED

FFFFFF

 AC22D0

 FF80FF

 8E00B4

 FF9DFF

 720099

 FFBAFF

 55007E

 FFD7FF

 380064

 FFF5FF

 1A004B

 000033

 00021D

 000000

 C945ED

 C945ED

 C42DED

 CE5DED

 BF16ED

 D374ED

 BA00ED

 D88CED

 DDA4ED

 E2BBED

 E7D3ED

 EDEBED

 F2FFED

 F7FFED

Harmonies

Analogous

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



0079FF



C945ED



FF00A0

Triad

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



C945ED



B57700



00A5BC

Complementary

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



C945ED



69ED45

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.



00A367



C945ED



699000

Square

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



C945ED



ED4A00



009D00



00A2FF

Rectangle

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



C945ED



FF006A



009D00



00A4A0

Sweetspot

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



C945ED



F4C9FF



4569ED



796080



000000



808080

Same Dimension

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



C945ED



D126FF



ED45BD



736A75



8E00B5



2A0036

Inverse Universe

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



ED4569



FF2655



45ED75



756A6C



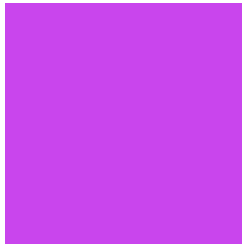
B50027



36000B

Previews

White Background



This preview shows how the Hex color C945ED looks on a white background.

Color Contrast Check

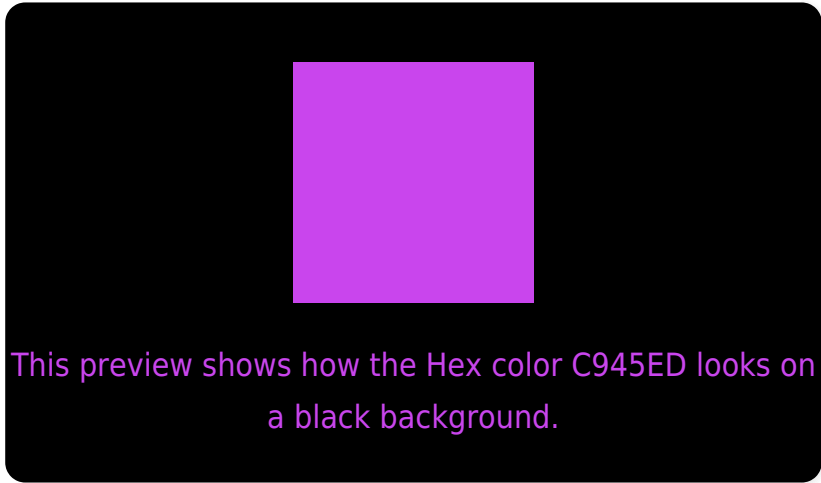
Large Text (above 18pt) WCAG AA ✓ Pass

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

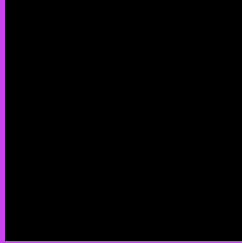
Any Text WCAG AA ✓ Pass

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 C945ED Background



This preview shows how black text looks on a background with the Hex color C945ED.

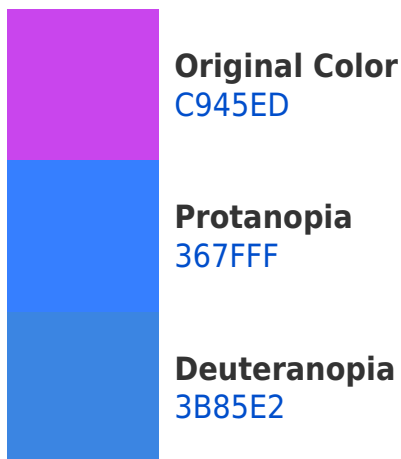


This preview shows how white text looks on a background with the Hex color C945ED.

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](#).

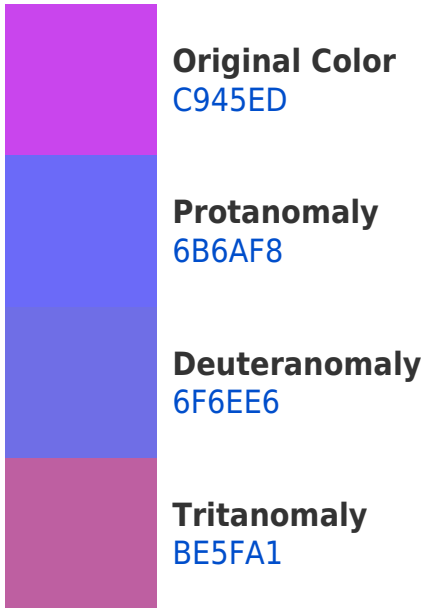
Dichromacy



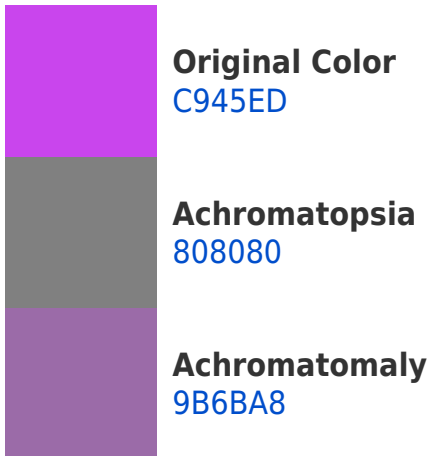


Tritanopia
B86E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C945ED 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 #C945ED looks like.

```
.text, #text, p{  
    color:#C945ED  
}
```

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 #C945ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C945ED
}
```

Border

The CSS property to change the border of an element to Hex C945ED 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
#C945ED }
```

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

```
.border{ border-color:#C945ED }
```

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

Here you see how a box with a 4 pixel #C945ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C945ED; -webkit-box-shadow:4px 4px  
4px 4px #C945ED; box-shadow:4px 4px 4px  
4px #C945ED }
```

Background

The CSS property to change the background color of an element to Hex C945ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C945ED }
```

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

```
.background{ background-color:#C945ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor