

Converting Colors

Hex(C555DD)

Have a look what the booklet for
Hex(C555DD) contains.

Hex(C555DD)	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(C555DD)

Conversions

Conversions Part 1

Format	Color
Hex	C555DD
RGB	197, 85, 221
RGB Percent	77%, 33%, 87%
CMY	0.2275, 0.6667, 0.1333
CMYK	0.11, 0.62, 0.00, 0.13
HSL	289°, 67%, 60%
HSV	289°, 62%, 87%
XYZ	39.3256, 23.5878, 70.8868
YIQ	133.9920, 23.0960, 66.0400

Conversions

Conversions Part 2

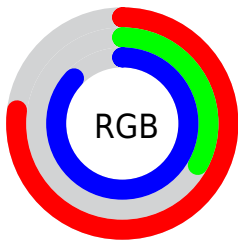
Format	Color
R _{YB}	197, 85, 221
Decimal	12932573
CIE _{Lab}	55.67, 63.64, -49.77
CIE _{LCh}	56, 80.790, 321.976
Yxy	23.5878, 0.2939, 0.1763
Android (android.graphics.Color)	4291122653 (0xFFC555DD)
YUV	133.9920, 42.8949, 55.2580
Hunter-Lab	48.5672, 59.5414, -52.5403

Details

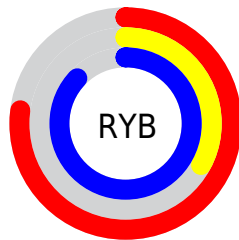
The Hex color **C555DD** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **6DDD55**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8DFF**, and **8C16A5** is the 20% darker color. If you saturate the color by 10%, you get **C13FDD**, and if you desaturate by 10%, it is **C96BDD**.

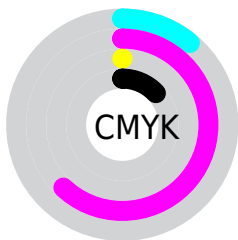
Distribution



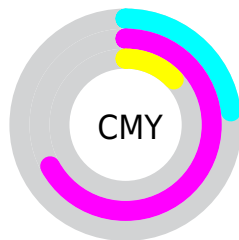
- Red (77%)
- Green (33%)
- Blue (87%)



- Red (77%)
- Yellow (33%)
- Blue (87%)



- Cyan (11%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C555DD 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 C555DD by changing the saturation by 10% instead.

 C555DD

 C555DD

FFFFFF

 A838C1

 FF8DFF

 8C16A5

 FFA9FF

 70008A

 FFC5FF

 540070

 FFE3FF

 390057

 1E003F

 000128

 000111

 000000

 C555DD

 C555DD

 C13FDD

 C96BDD

 BD29DD

 CD81DD

 B913DD

 D197DD

 B600DD

 D5ADDD

 D9C3DD

 DCDADD

 E0F0DD

 E4FFDD

 E8FFDD

Harmonies

Analogous

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



4A7BFF



C555DD



F62A9B

Triad

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



C555DD



B17C00



00A3B8

Complementary

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



C55DD



6DDD55

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.



00A270



C555DD



709100

Square

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



C555DD



E25B08



009D22



00A0F4

Rectangle

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



C555DD



FE266D



009D22



00A3A1

Sweetspot

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



C555DD



F7D1FF



556EDD



7B6380



000000



808080

Same Dimension

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



C555DD



DE42FF



DD55B2



6C636E



8F00AD



26002E

Inverse Universe

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



DD556D



FF4264



55DD80



6E6365



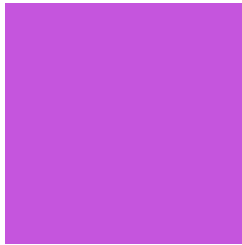
AD001F



2E0008

Previews

White Background



This preview shows how the Hex color C555DD looks on a white background.

Color Contrast Check

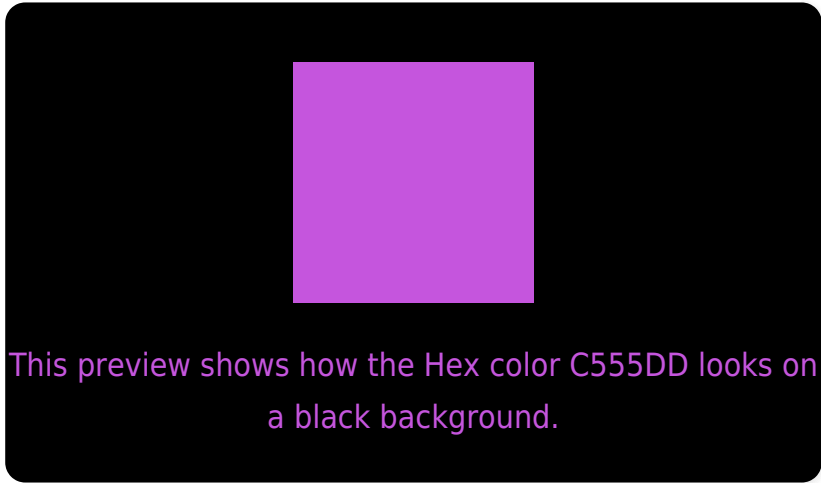
Large Text (above 18pt) WCAG AA ✓ Pass

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

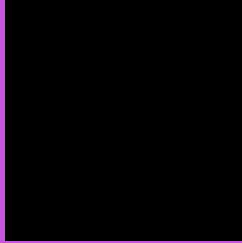
Any Text WCAG AA ✓ Pass

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 C555DD Background



This preview shows how black text looks on a background with the Hex color C555DD.

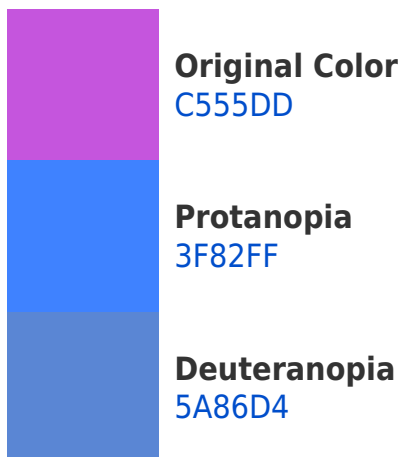


This preview shows how white text looks on a background with the Hex color C555DD.

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](#).

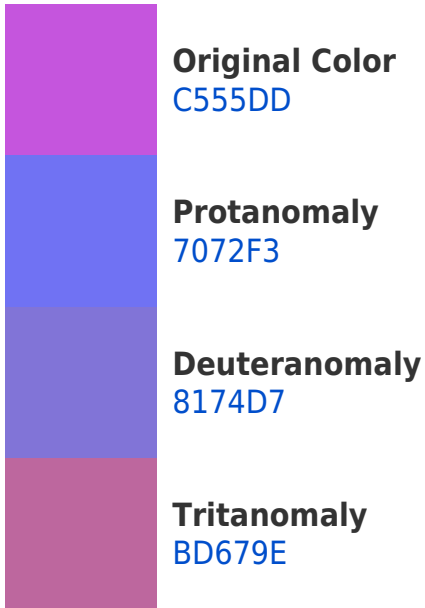
Dichromacy





Tritanopia
B8727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C555DD 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 #C555DD looks like.

```
.text, #text, p{  
    color:#C555DD  
}
```

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 #C555DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C555DD }  
}
```

Border

The CSS property to change the border of an element to Hex C555DD 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 #C555DD }  
}
```

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

```
.border{ border-color:#C555DD }
```

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

Here you see how a box with a 4 pixel #C555DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C555DD; -webkit-box-shadow:4px 4px  
4px 4px #C555DD; box-shadow:4px 4px 4px  
4px #C555DD }
```

Background

The CSS property to change the background color of an element to Hex C555DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C555DD }
```

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

```
.background{ background-color:#C555DD }
```

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