

Converting Colors

Hex(CD55B0)

Have a look what the booklet for
Hex(CD55B0) contains.

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Color

Hex(CD55B0)

Conversions

Conversions Part 1

Format	Color
Hex	CD55B0
RGB	205, 85, 176
RGB Percent	80%, 33%, 69%
CMY	0.1961, 0.6667, 0.3098
CMYK	0.00, 0.59, 0.14, 0.20
HSL	314°, 55%, 57%
HSV	314°, 59%, 80%
XYZ	36.2618, 22.6107, 43.5274
YIQ	131.2540, 42.3090, 53.7410

Conversions

Conversions Part 2

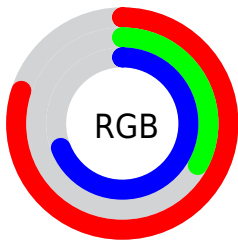
Format	Color
R_{YB}	205, 85, 176
Decimal	13456816
CIE _{Lab}	54.67, 58.03, -25.49
CIE _{LCh}	55, 63.381, 336.287
Yxy	22.6107, 0.3541, 0.2208
Android (android.graphics.Color)	4291646896 (0xFFCD55B0)
YUV	131.2540, 22.0598, 64.6752
Hunter-Lab	47.5507, 52.9089, -20.9879

Details

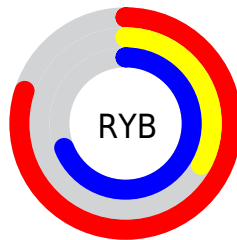
The Hex color **CD55B0** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **55CD72**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF8CE8**, and **94177B** is the 20% darker color. If you saturate the color by 10%, you get **CD41AB**, and if you desaturate by 10%, it is **CD69B5**.

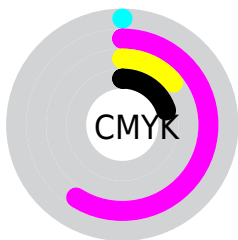
Distribution



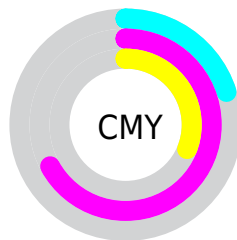
- Red (80%)
- Green (33%)
- Blue (69%)



- Red (80%)
- Yellow (33%)
- Blue (69%)



- Cyan (0%)
- Magenta (59%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD55B0 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 CD55B0 by changing the saturation by 10% instead.

CD55B0

CD55B0

FFFFFF

B03995

FF8CE8

94177B

FFA8FF

780062

FFC5FF

5D004A

FFE2FF

420033

29001E

000000

CD55B0

CD55B0

CD41AB

CD69B5

■ CD2CA6

■ CD7EBA

■ CD17A1

■ CD93BF

■ CD039C

■ CDA7C4

■ CD009B

■ CDBBC9

■ CDD0CE

■ CDE4D3

■ CDF9D8

■ CDFFDD

Harmonies

Analogous

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



926FDC



CD55B0



E4497A

Triad

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



CD55B0



928400



009BC3

Complementary

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



CD55B0



55CD72

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.



009C8D



CD55B0



58921E

Square

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



CD55B0



BF7013



009954



0094E7

Rectangle

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



CD55B0



E25056



009954



009CB2

Sweetspot

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



CD55B0



FFD1F4



7155CD



806379



000000



808080

Same Dimension

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



CD55B0



FF4DD4



CD5575



665C64



A6007E



26001D

Inverse Universe

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



CD55B0



FF4DD4



55CDAD



665C64



A6007E



26001D

Previews

White Background



This preview shows how the Hex color CD55B0 looks on a white background.

Color Contrast Check

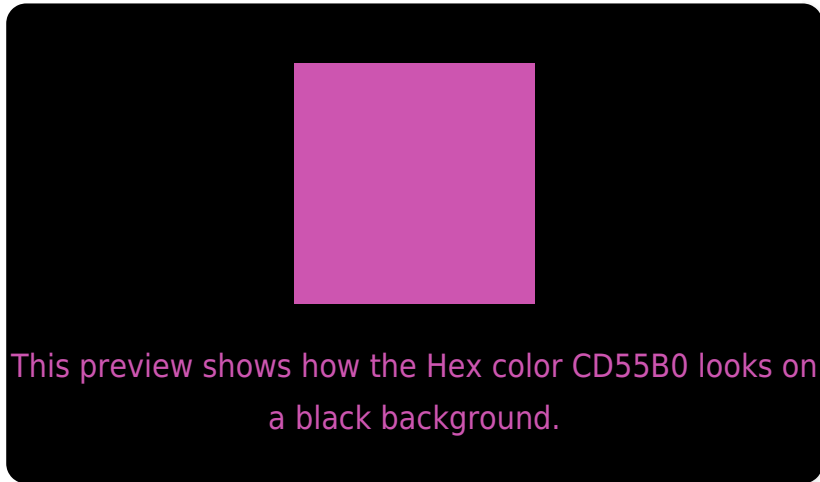
Large Text (above 18pt) WCAG AA ✓ Pass

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

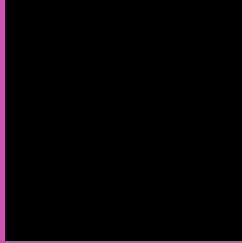
Any Text WCAG AA ✓ Pass

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 CD55B0 Background



This preview shows how black text looks on a background with the Hex color CD55B0.

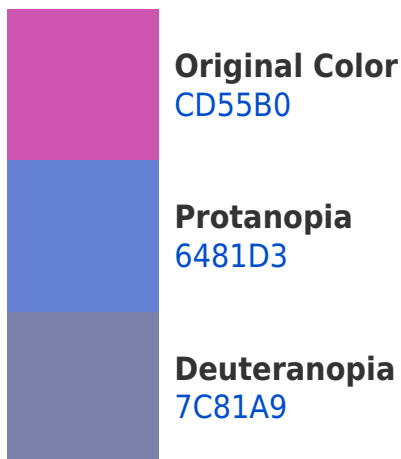



This preview shows how white text looks on a background with the Hex color CD55B0.

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
C6666D

Trichromacy



Original Color
CD55B0



Protanomaly
8A71C6



Deuteranomaly
9971AC



Tritanomaly
C96085

Monochromacy



Original Color
CD55B0



Achromatopsia
838383



Achromatomaly
9E7293

CSS Examples

Text

The CSS property to change the color of the text to Hex CD55B0 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 #CD55B0 looks like.

```
.text, #text, p{  
    color:#CD55B0  
}
```

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 #CD55B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD55B0
}
```

Border

The CSS property to change the border of an element to Hex CD55B0 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
#CD55B0 }
```

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

```
.border{ border-color:#CD55B0 }
```

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

Here you see how a box with a 4 pixel #CD55B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD55B0; -webkit-box-shadow:4px 4px  
4px 4px #CD55B0; box-shadow:4px 4px 4px  
4px #CD55B0 }
```

Background

The CSS property to change the background color of an element to Hex CD55B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD55B0 }
```

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

```
.background{ background-color:#CD55B0 }
```

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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