

# Converting Colors

Hex(CD55B2)

Have a look what the booklet for  
Hex(CD55B2) contains.

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# **Color**

**Hex(CD55B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD55B2
RGB	205, 85, 178
RGB Percent	80%, 33%, 70%
CMY	0.1961, 0.6667, 0.3020
CMYK	0.00, 0.59, 0.13, 0.20
HSL	314°, 55%, 57%
HSV	314°, 59%, 80%
XYZ	36.4612, 22.6905, 44.5775
YIQ	131.4820, 41.6670, 54.3630

# Conversions

## Conversions Part 2

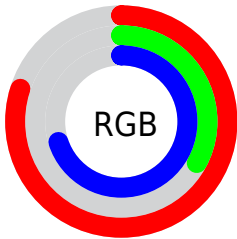
Format	Color
R <sub>Y</sub> B	205, 85, 178
Decimal	13456818
CIE Lab	54.75, 58.34, -26.52
CIE LCh	55, 64.082, 335.552
Yxy	22.6905, 0.3515, 0.2187
Android (android.graphics.Color)	4291646898 (0xFFCD55B2)
YUV	131.4820, 22.9334, 64.4753
Hunter-Lab	47.6345, 53.2700, -22.1407

# Details

The Hex color **CD55B2** 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 **55CD70**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF8CEA**, and **94177D** is the 20% darker color. If you saturate the color by 10%, you get **CD41AD**, and if you desaturate by 10%, it is **CD69B7**.

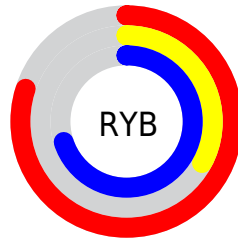
# Distribution



Red (80%)

Green (33%)

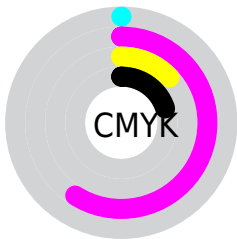
Blue (70%)



Red (80%)

Yellow (33%)

Blue (70%)

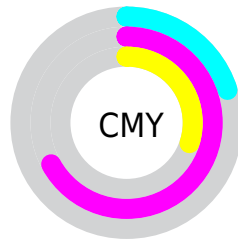


Cyan (0%)

Magenta (59%)

Yellow (13%)

Black (20%)



Cyan (20%)

Magenta (67%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD55B2 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 CD55B2 by changing the saturation by 10% instead.



 CD55B2

 CD55B2

FFFFFF

 B03997

 FF8CEA

 94177D

 FFA8FF

 780064

 FFC5FF

 5D004C

 FFE2FF

 420035

 29001F

 000001

 000000

 CD55B2

 CD55B2

CD41AD

CD69B7

CD2CA9

CD7EBB

CD17A4

CD93C0

CD03A0

CDA7C4

CD009F

CDBBC9

CDD0CE

CDE4D2

CDF9D7

CDFFDC

# Harmonies

## Analogous

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



906FDE



CD55B2



E5487B

# Triad

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



CD55B2



948400



009BC2

# Complementary

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



CD55B2



55CD70

# 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.



009C8C



CD55B2



59921B

# Square

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



CD55B2



C16F12



009952



0095E8

# Rectangle

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



CD55B2



E34F57



009952



009CB1



# Sweetspot

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



CD55B2



FFD1F5



6F55CD



806379



000000



808080



# Same Dimension

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



CD55B2



FF4DD7



CD5577



665C64



A60080



26001E



# Inverse Universe

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



CD55B2



FF4DD7



55CDAB



665C64



A60080



26001E



# Previews

## White Background



This preview shows how the Hex color CD55B2 looks on a white background.

## Color Contrast Check

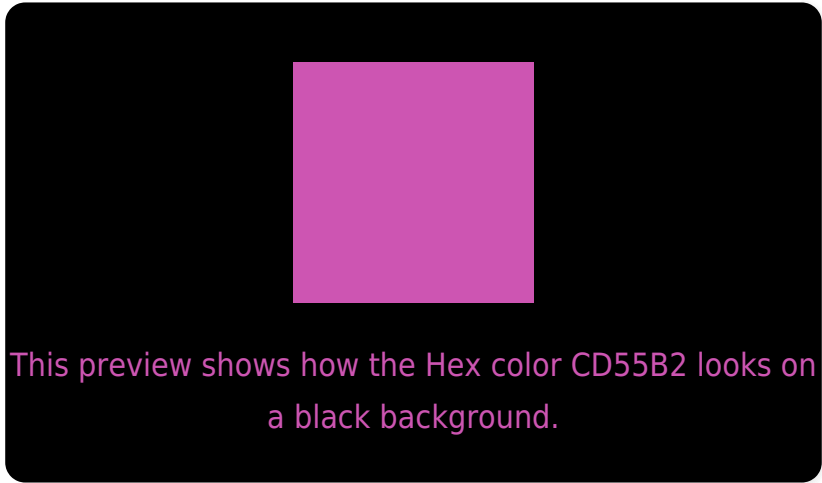
Large Text (above 18pt) WCAG AA ✓ Pass

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

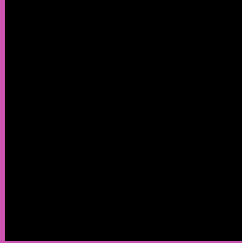
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CD55B2 Background



This preview shows how black text looks on a background with the Hex color CD55B2.

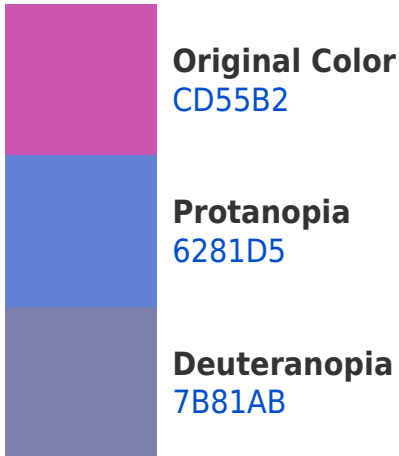



This preview shows how white text looks on a background with the Hex color CD55B2.

# 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](#).

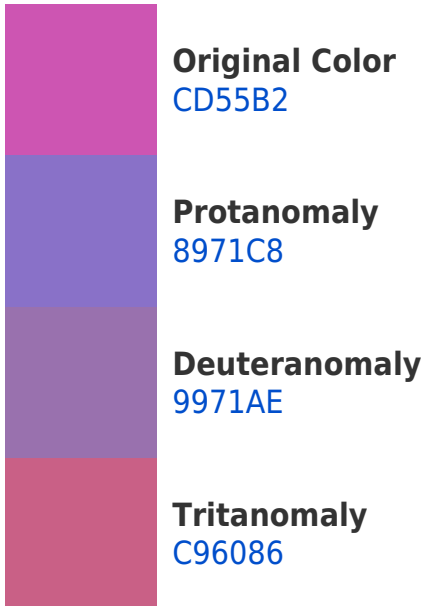
## Dichromacy





**Tritanopia**  
C6666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD55B2 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 #CD55B2 looks like.

```
.text, #text, p{  
    color:#CD55B2  
}
```

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 #CD55B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD55B2
}
```

## Border

The CSS property to change the border of an element to Hex CD55B2 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
#CD55B2 }
```

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

```
.border{ border-color:#CD55B2 }
```

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

Here you see how a box with a 4 pixel #CD55B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD55B2; -webkit-box-shadow:4px 4px  
4px 4px #CD55B2; box-shadow:4px 4px 4px  
4px #CD55B2 }
```

# Background

The CSS property to change the background color of an element to Hex CD55B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD55B2 }
```

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

```
.background{ background-color:#CD55B2 }
```

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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