

Converting Colors

Hex(CD5BB1)

Have a look what the booklet for
Hex(CD5BB1) contains.

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Color

Hex(CD5BB1)

Conversions

Conversions Part 1

Format	Color
Hex	CD5BB1
RGB	205, 91, 177
RGB Percent	80%, 36%, 69%
CMY	0.1961, 0.6431, 0.3059
CMYK	0.00, 0.56, 0.14, 0.20
HSL	315°, 53%, 58%
HSV	315°, 56%, 80%
XYZ	36.8537, 23.6356, 44.2147
YIQ	134.8900, 40.3380, 50.9140

Conversions

Conversions Part 2

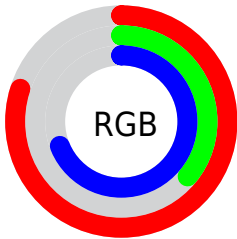
Format	Color
R_{YB}	205, 91, 177
Decimal	13458353
CIE _{Lab}	55.72, 55.46, -24.45
CIE _{LCh}	56, 60.607, 336.212
Yxy	23.6356, 0.3520, 0.2257
Android (android.graphics.Color)	4291648433 (0xFFCD5BB1)
YUV	134.8900, 20.7602, 61.4865
Hunter-Lab	48.6165, 50.2331, -19.8903

Details

The Hex color **CD5BB1** 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 **5BCD77**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF92E9**, and **94217C** is the 20% darker color. If you saturate the color by 10%, you get **CD46AC**, and if you desaturate by 10%, it is **CD6FB6**.

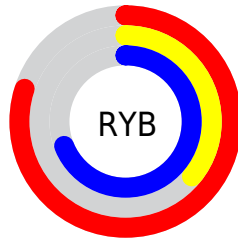
Distribution



Red (80%)

Green (36%)

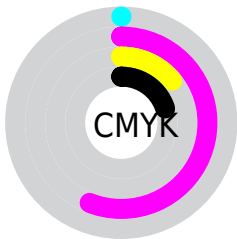
Blue (69%)



Red (80%)

Yellow (36%)

Blue (69%)

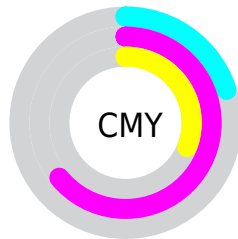


Cyan (0%)

Magenta (56%)

Yellow (14%)

Black (20%)



Cyan (20%)

Magenta (64%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD5BB1 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 CD5BB1 by changing the saturation by 10% instead.

 CD5BB1

 CD5BB1

FFFFFF

 B03F96

 FF92E9

 94217C

 FFAEFF

 780063

 FFCAFF

 5D004B

 FFE7FF

 430034

 2A001E

 000000

 CD5BB1

 CD5BB1

 CD46AC

 CD6FB6

■ CD32A7

■ CD84BB

■ CD1DA2

■ CD99C0

■ CD099D

■ CDADC5

■ CD009B

■ CDC2CA

■ CDD6CF

■ CDEBD4

■ CDFFD9

■ CDFFDE

Harmonies

Analogous

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



9573DB



CD5BB1



E3507D

Triad

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



CD5BB1



958701



009DC2

Complementary

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



CD5BB1



5BCD77

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.



009E8F



CD5BB1



5E9427

Square

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



CD5BB1



C0731E



009B59



0096E6

Rectangle

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



CD5BB1



E2575A



009B59



009EB3

Sweetspot

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



CD5BB1



FFD4F4



765BCD



806679



000000



808080

Same Dimension

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



CD5BB1



FF54D5



CD5B79



665C63



A6007D



26001D

Inverse Universe

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



CD5BB1



FF54D5



5BCDAF



665C63



A6007D



26001D

Previews

White Background



This preview shows how the Hex color CD5BB1 looks on a white background.

Color Contrast Check

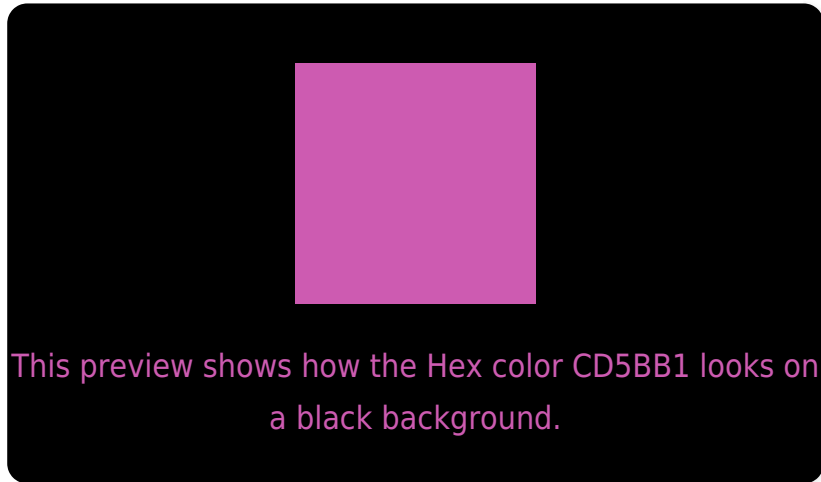
Large Text (above 18pt) WCAG AA ✓ Pass

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

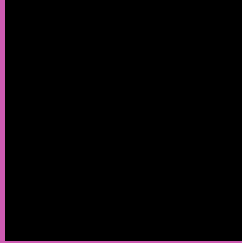
Any Text WCAG AA ✓ Pass

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 CD5BB1 Background



This preview shows how black text looks on a background with the Hex color CD5BB1.

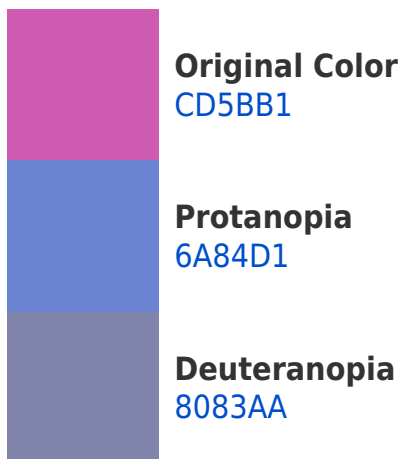



This preview shows how white text looks on a background with the Hex color CD5BB1.

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
C66A72

Trichromacy



Original Color
CD5BB1



Protanomaly
8E75C5



Deuteranomaly
9C74AD



Tritanomaly
C96589

Monochromacy



Original Color
CD5BB1



Achromatopsia
878787



Achromatomaly
A07796

CSS Examples

Text

The CSS property to change the color of the text to Hex CD5BB1 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 #CD5BB1 looks like.

```
.text, #text, p{  
    color:#CD5BB1  
}
```

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 #CD5BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD5BB1
}
```

Border

The CSS property to change the border of an element to Hex CD5BB1 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
#CD5BB1 }
```

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

```
.border{ border-color:#CD5BB1 }
```

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

Here you see how a box with a 4 pixel #CD5BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD5BB1; -webkit-box-shadow:4px 4px  
4px 4px #CD5BB1; box-shadow:4px 4px 4px  
4px #CD5BB1 }
```

Background

The CSS property to change the background color of an element to Hex CD5BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD5BB1 }
```

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

```
.background{ background-color:#CD5BB1 }
```

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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