

Converting Colors

Hex(CD6DB3)

Have a look what the booklet for
Hex(CD6DB3) contains.

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Color

Hex(CD6DB3)

Conversions

Conversions Part 1

Format	Color
Hex	CD6DB3
RGB	205, 109, 179
RGB Percent	80%, 43%, 70%
CMY	0.1961, 0.5725, 0.2980
CMYK	0.00, 0.47, 0.13, 0.20
HSL	316°, 49%, 62%
HSV	316°, 47%, 80%
XYZ	38.7822, 27.1711, 45.8483
YIQ	145.6840, 34.7460, 42.1220

Conversions

Conversions Part 2

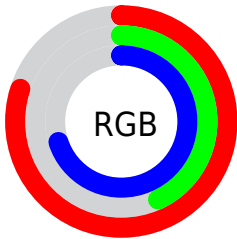
Format	Color
R_{YB}	205, 109, 179
Decimal	13462963
CIE _{Lab}	59.13, 47.01, -20.37
CIE _{LCh}	59, 51.229, 336.574
Yxy	27.1711, 0.3469, 0.2430
Android (android.graphics.Color)	4291653043 (0xFFCD6DB3)
YUV	145.6840, 16.4248, 52.0201
Hunter-Lab	52.1259, 41.5854, -15.6615

Details

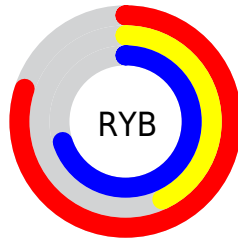
The Hex color **CD6DB3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6DCD87**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA3EB**, and **95387E** is the 20% darker color. If you saturate the color by 10%, you get **CD59AD**, and if you desaturate by 10%, it is **CD82B9**.

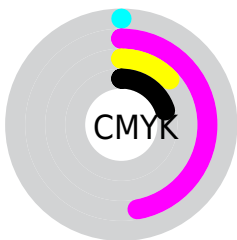
Distribution



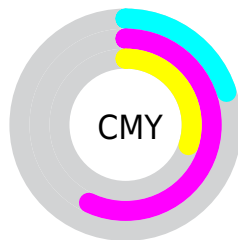
- Red (80%)
- Green (43%)
- Blue (70%)



- Red (80%)
- Yellow (43%)
- Blue (70%)



- Cyan (0%)
- Magenta (47%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (57%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD6DB3 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 CD6DB3 by changing the saturation by 10% instead.

 CD6DB3

 CD6DB3

FFFFFF

 B15398

 FFA3EB

 95387E

 FFBFFF

 791D65

 FFDDBF

 5F004D

 FFF9FF

 450036

 2F0021

 000004

 000000

 CD6DB3

 CD6DB3

CD59AD

CD82B9

CD44A8

CD96BE

CD2FA2

CDABC4

CD1B9D

CDBFC9

CD0697

CDD4CF

CD0095

CDE8D4

CDFDDA

CDFFDF

CDFFE5

Harmonies

Analogous

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



9E7ED7



CD6DB3



E16686

Triad

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



CD6DB3



9E8F2F



00A3C3

Complementary

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



CD6DB3



6DCD87

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.



00A597



CD6DB3



6E9B42

Square

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



CD6DB3



C47F3A



23A269



009DE0

Rectangle

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



CD6DB3



E06A69



23A269



00A4B5

Sweetspot

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



CD6DB3



FFDBF5



876DCD



806A7A



000000



808080

Same Dimension

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



CD6DB3



FF70D8



CD6D83



665C63



A60079



26001C

Inverse Universe

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



CD6DB3



FF70D8



6DCDB7



665C63



A60079



26001C

Previews

White Background



This preview shows how the Hex color CD6DB3 looks on a white background.

Color Contrast Check

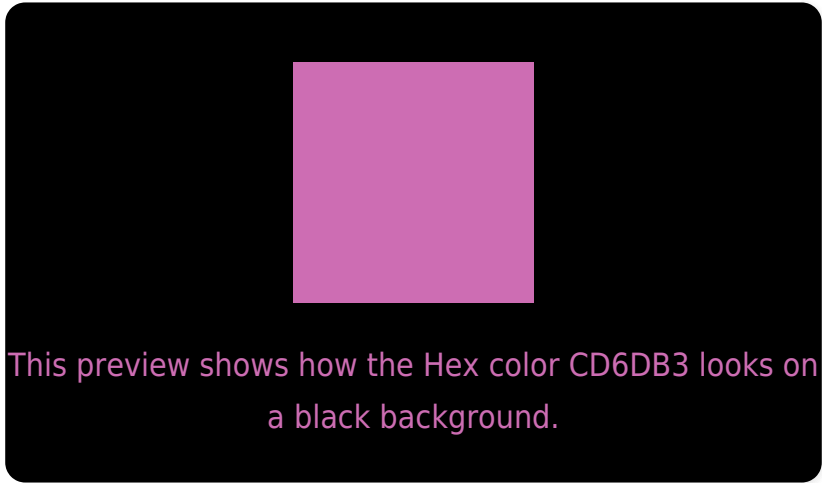
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD6DB3 Background



This preview shows how black text looks on a background with the Hex color CD6DB3.

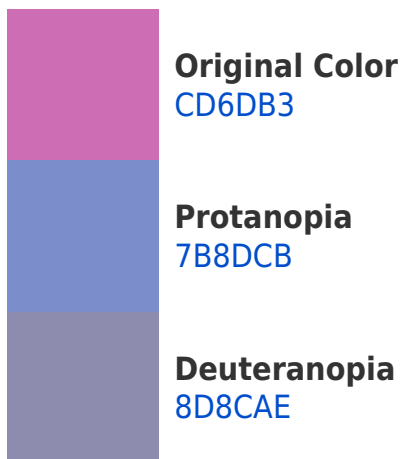


This preview shows how white text looks on a background with the Hex color CD6DB3.

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
C77881

Trichromacy



Original Color
CD6DB3



Protanomaly
9981C2



Deuteranomaly
A481B0

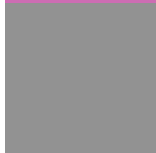


Tritanomaly
C97493

Monochromacy



Original Color
CD6DB3



Achromatopsia
929292



Achromatomaly
A7859E

CSS Examples

Text

The CSS property to change the color of the text to Hex CD6DB3 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 #CD6DB3 looks like.

```
.text, #text, p{  
    color:#CD6DB3  
}
```

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 #CD6DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6DB3  
}
```

Border

The CSS property to change the border of an element to Hex CD6DB3 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  
#CD6DB3 }
```

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

```
.border{ border-color:#CD6DB3 }
```

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

Here you see how a box with a 4 pixel #CD6DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6DB3; -webkit-box-shadow:4px 4px  
4px 4px #CD6DB3; box-shadow:4px 4px 4px  
4px #CD6DB3 }
```

Background

The CSS property to change the background color of an element to Hex CD6DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6DB3 }
```

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

```
.background{ background-color:#CD6DB3 }
```

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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