

Converting Colors

Hex(CD76A9)

Have a look what the booklet for
Hex(CD76A9) contains.

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Color

Hex(CD76A9)

Conversions

Conversions Part 1

Format	Color
Hex	CD76A9
RGB	205, 118, 169
RGB Percent	80%, 46%, 66%
CMY	0.1961, 0.5373, 0.3373
CMYK	0.00, 0.42, 0.18, 0.20
HSL	325°, 47%, 63%
HSV	325°, 42%, 80%
XYZ	38.8167, 28.8006, 41.0493
YIQ	149.8270, 35.4810, 34.3050

Conversions

Conversions Part 2

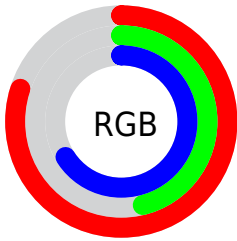
Format	Color
R_{YB}	205, 118, 169
Decimal	13465257
CIE _{Lab}	60.61, 40.77, -12.40
CIE _{LCh}	61, 42.613, 343.078
Yxy	28.8006, 0.3572, 0.2650
Android (android.graphics.Color)	4291655337 (0xFFCD76A9)
YUV	149.8270, 9.4523, 48.3867
Hunter-Lab	53.6662, 35.1931, -7.7847

Details

The Hex color **CD76A9** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76CD9A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFACE0**, and **954375** is the 20% darker color. If you saturate the color by 10%, you get **CD62A1**, and if you desaturate by 10%, it is **CD8BB1**.

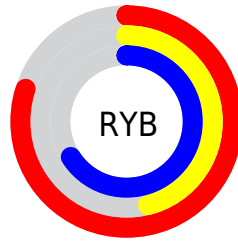
Distribution



Red (80%)

Green (46%)

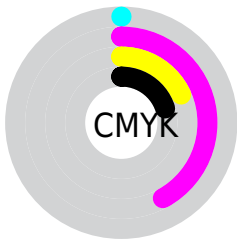
Blue (66%)



Red (80%)

Yellow (46%)

Blue (66%)

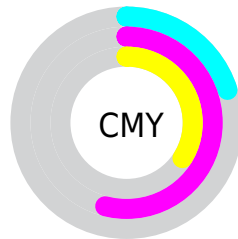


Cyan (0%)

Magenta (42%)

Yellow (18%)

Black (20%)



Cyan (20%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD76A9 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 CD76A9 by changing the saturation by 10% instead.

 CD76A9

 CD76A9

FFFFFF

 B15C8F

 FFACE0

 954375

 FFC8FD


 7A295C

 FFE4FF

 5F0C45

 46002E

 30001A

 010000

 000000

 CD76A9

 CD76A9

CD62A1

CD8BB1

CD4D98

CD9FBA

CD3990

CDB4C2

CD2487

CDC8CB

CD107F

CDDDD3

CD0078

CDF1DC

CDFFE4

CDF FED

CDFFF5

Harmonies

Analogous

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



AB82C9



CD76A9



DA7383

Triad

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



CD76A9



999546



00A3C4

Complementary

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



CD76A9



76CD9A

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.



00A6A2



CD76A9



6F9F59

Square

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



CD76A9



BB894A



37A47B



009CDA

Rectangle

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



CD76A9



D7786B



37A47B



00A4BA

Sweetspot

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



CD76A9



FFDEF1



9976CD



806B77



000000



808080

Same Dimension

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



CD76A9



FF7DC9



CD767F



665C62



A60061



260016

Inverse Universe

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



CD76A9



FF7DC9



76CDC4



665C62



A60061



260016

Previews

White Background



This preview shows how the Hex color CD76A9 looks on a white background.

Color Contrast Check

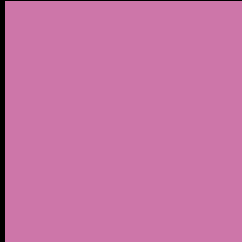
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color CD76A9 looks on a 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 CD76A9 Background



This preview shows how black text looks on a background with the Hex color CD76A9.

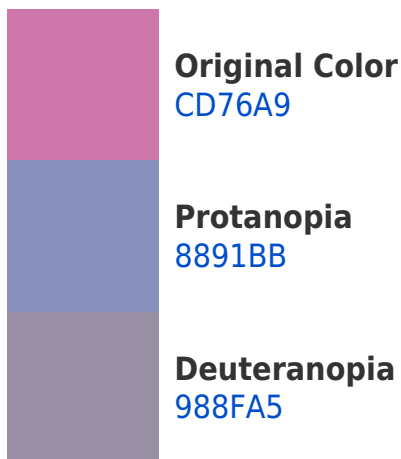



This preview shows how white text looks on a background with the Hex color CD76A9.

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
C97D86

Trichromacy



Original Color
CD76A9



Protanomaly
A187B4



Deuteranomaly
AB86A6

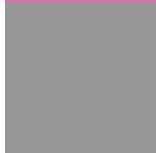


Tritanomaly
CA7A93

Monochromacy



Original Color
CD76A9



Achromatopsia
969696



Achromatomaly
AA8A9D

CSS Examples

Text

The CSS property to change the color of the text to Hex CD76A9 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 #CD76A9 looks like.

```
.text, #text, p{  
    color:#CD76A9  
}
```

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 #CD76A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD76A9
}
```

Border

The CSS property to change the border of an element to Hex CD76A9 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
#CD76A9 }
```

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

```
.border{ border-color:#CD76A9 }
```

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

Here you see how a box with a 4 pixel #CD76A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD76A9; -webkit-box-shadow:4px 4px  
4px 4px #CD76A9; box-shadow:4px 4px 4px  
4px #CD76A9 }
```

Background

The CSS property to change the background color of an element to Hex CD76A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD76A9 }
```

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

```
.background{ background-color:#CD76A9 }
```

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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