

# Converting Colors

Hex(CD6D94)

Have a look what the booklet for  
Hex(CD6D94) contains.

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# **Color**

**Hex(CD6D94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD6D94
RGB	205, 109, 148
RGB Percent	80%, 43%, 58%
CMY	0.1961, 0.5725, 0.4196
CMYK	0.00, 0.47, 0.28, 0.20
HSL	336°, 49%, 62%
HSV	336°, 47%, 80%
XYZ	35.9908, 26.0545, 31.1491
YIQ	142.1500, 44.6970, 32.4810

# Conversions

## Conversions Part 2

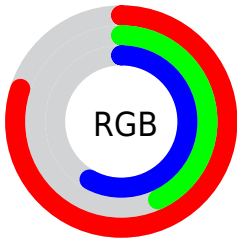
Format	Color
R <sub>Y</sub> B	205, 109, 148
Decimal	13462932
CIE Lab	58.09, 42.38, -4.04
CIE LCh	58, 42.577, 354.551
Yxy	26.0545, 0.3862, 0.2796
Android (android.graphics.Color)	4291653012 (0xFFCD6D94)
YUV	142.1500, 2.8841, 55.1195
Hunter-Lab	51.0436, 36.5336, -0.4508

# Details

The Hex color **CD6D94** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6DCDA6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA3CA**, and **943961** is the 20% darker color. If you saturate the color by 10%, you get **CD5988**, and if you desaturate by 10%, it is **CD82A0**.

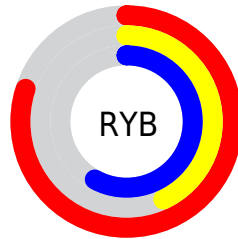
# Distribution



Red (80%)

Green (43%)

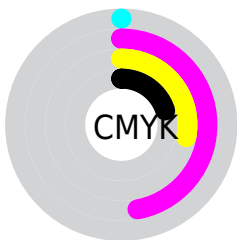
Blue (58%)



Red (80%)

Yellow (43%)

Blue (58%)

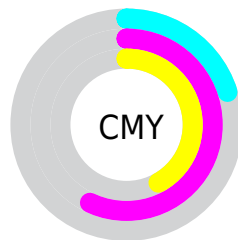


Cyan (0%)

Magenta (47%)

Yellow (28%)

Black (20%)



Cyan (20%)

Magenta (57%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD6D94 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 CD6D94 by changing the saturation by 10% instead.



 CD6D94

 CD6D94

FFFFFF

 B0537A

 FFA3CA

 943961

 FFBEE6

 791F4A

 FFDBFF

 5E0033

 FFF8FF

 43001E

 2D0003

 000000

 CD6D94

 CD6D94

 CD5988

 CD82A0

CD447C

CD96AC

CD2F6F

CDABB9

CD1B63

CDBFC5

CD0657

CDD4D1

CD0053

CDE8DD

CDFDE9

CDFFF5

CDFFFF

# Harmonies

## Analogous

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



B376B7



CD6D94



D16F6F

# Triad

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



CD6D94



839345



009AC7

# Complementary

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



CD6D94



6DCDA6

# 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.



009EA9



CD6D94



569A5F

# Square

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



CD6D94



A88740



009E83



3792D5

# Rectangle

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



CD6D94



CA7559



009E83



009CBF



# Sweetspot

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



CD6D94



FFDBEA



A56DCD



806A73



000000



808080



# Same Dimension

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



CD6D94



FF70AA



CD756D



665C60



A60043



260010



# Inverse Universe

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



CD6D94



FF70AA



6DC5CD



665C60



A60043



260010



# Previews

## White Background



This preview shows how the Hex color CD6D94 looks on a white background.

## Color Contrast Check

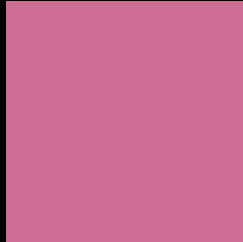
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD6D94 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 CD6D94 Background



This preview shows how black text looks on a background with the Hex color CD6D94.

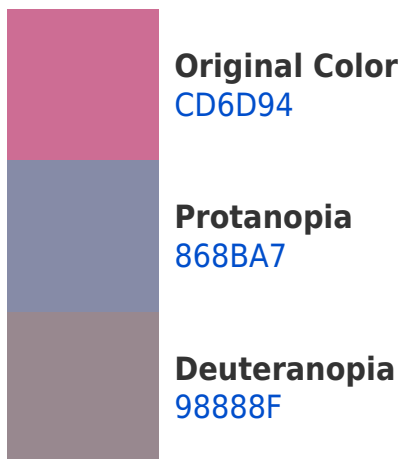


This preview shows how white text looks on a background with the Hex color CD6D94.

# 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**  
CB727A

# Trichromacy



**Original Color**  
CD6D94



**Protanomaly**  
A080A0



**Deuteranomaly**  
AB7E91

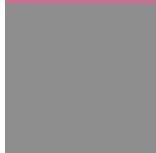


**Tritanomaly**  
CC7083

# Monochromacy



**Original Color**  
CD6D94



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
A58290

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD6D94 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 #CD6D94 looks like.

```
.text, #text, p{  
    color:#CD6D94  
}
```

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 #CD6D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6D94
}
```

## Border

The CSS property to change the border of an element to Hex CD6D94 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
#CD6D94 }
```

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

```
.border{ border-color:#CD6D94 }
```

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

Here you see how a box with a 4 pixel #CD6D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6D94; -webkit-box-shadow:4px 4px  
4px 4px #CD6D94; box-shadow:4px 4px 4px  
4px #CD6D94 }
```

# Background

The CSS property to change the background color of an element to Hex CD6D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6D94 }
```

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

```
.background{ background-color:#CD6D94 }
```

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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