

# Converting Colors

Hex(DC6896)

Have a look what the booklet for  
Hex(DC6896) contains.

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# **Color**

**Hex(DC6896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC6896
RGB	220, 104, 150
RGB Percent	86%, 41%, 59%
CMY	0.1373, 0.5922, 0.4118
CMYK	0.00, 0.53, 0.32, 0.14
HSL	336°, 62%, 64%
HSV	336°, 53%, 86%
XYZ	39.9705, 27.3183, 32.0204
YIQ	143.9280, 54.3700, 38.8980

# Conversions

## Conversions Part 2

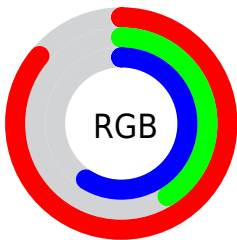
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 104, 150
Decimal	14444694
CIE Lab	59.27, 50.17, -3.23
CIE LCh	59, 50.276, 356.319
Yxy	27.3183, 0.4025, 0.2751
Android (android.graphics.Color)	4292634774 (0xFFDC6896)
YUV	143.9280, 2.9935, 66.7151
Hunter-Lab	52.2669, 45.0389, 0.2638

# Details

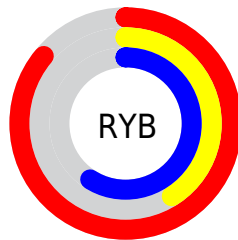
The Hex color **DC6896** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68DCAE**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9FCC**, and **A23263** is the 20% darker color. If you saturate the color by 10%, you get **DC5289**, and if you desaturate by 10%, it is **DC7EA3**.

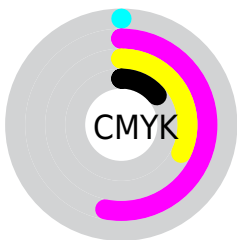
# Distribution



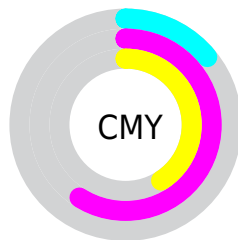
- Red (86%)
- Green (41%)
- Blue (59%)



- Red (86%)
- Yellow (41%)
- Blue (59%)



- Cyan (0%)
- Magenta (53%)
- Yellow (32%)
- Black (14%)



- Cyan (14%)
- Magenta (59%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC6896 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 DC6896 by changing the saturation by 10% instead.



 DC6896

 DC6896

FFFFFF

 BF4D7C

 FF9FCC

 A23263

 FFBBE8

 85114C

 FFD7FF

 690035

 FFF4FF

 4E0020

 370007

 0A0000

 000000

 DC6896

 DC6896

 DC5289

 DC7EA3

 DC3C7B

 DC94B1

 DC266E

 DCAABE

 DC1061

 DCC0CB

 DC0057

 DCD6D8

 DCECE6

 DCFFF3

 DCFFFF

# Harmonies

## Analogous

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



C073C0



DC6896



DF6B6A

# Triad

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



DC6896



81983B



009FD7

# Complementary

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



DC6896



68DCAE

# 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.



00A4B5



DC6896



48A05C

# Square

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



DC6896



AC8A32



00A488



0495E7

# Rectangle

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



DC6896



D57450



00A488



00A2CE



# Sweetspot

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



DC6896



FFD6E6



AE68DC



806771



000000



808080



# Same Dimension

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



DC6896



FF5E9E



DC7468



6E6367



AD0045



2E0012



# Inverse Universe

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



DC6896



FF5E9E



68D0DC



6E6367



AD0045



2E0012



# Previews

## White Background



This preview shows how the Hex color DC6896 looks on a white background.

## Color Contrast Check

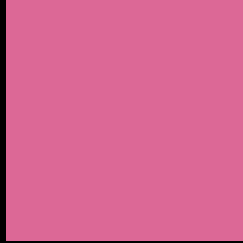
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC6896 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 DC6896 Background



This preview shows how black text looks on a background with the Hex color DC6896.



This preview shows how white text looks on a background with the Hex color DC6896.

# 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**  
D96E76

# Trichromacy



**Original Color**  
DC6896



**Protanomaly**  
A780A5



**Deuteranomaly**  
B37E92

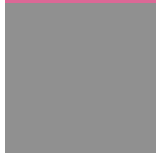


**Tritanomaly**  
DA6C82

# Monochromacy



**Original Color**  
DC6896



**Achromatopsia**  
909090



**Achromatomaly**  
AC8192

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC6896 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 #DC6896 looks like.

```
.text, #text, p{  
    color:#DC6896  
}
```

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 #DC6896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6896
}
```

## Border

The CSS property to change the border of an element to Hex DC6896 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
#DC6896 }
```

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

```
.border{ border-color:#DC6896 }
```

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

Here you see how a box with a 4 pixel #DC6896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6896; -webkit-box-shadow:4px 4px  
4px 4px #DC6896; box-shadow:4px 4px 4px  
4px #DC6896 }
```

# Background

The CSS property to change the background color of an element to Hex DC6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6896 }
```

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

```
.background{ background-color:#DC6896 }
```

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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