

# Converting Colors

Hex(D85690)

Have a look what the booklet for  
Hex(D85690) contains.

<b>Hex(D85690)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D85690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D85690
RGB	216, 86, 144
RGB Percent	85%, 34%, 56%
CMY	0.1529, 0.6627, 0.4353
CMYK	0.00, 0.60, 0.33, 0.15
HSL	333°, 62%, 59%
HSV	333°, 60%, 85%
XYZ	36.6807, 23.2681, 28.9435
YIQ	131.4820, 58.8620, 45.5980

# Conversions

## Conversions Part 2

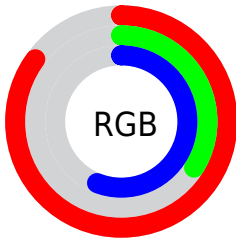
Format	Color
R <sub>Y</sub> B	216, 86, 144
Decimal	14177936
CIE Lab	55.35, 56.50, -5.58
CIE LCh	55, 56.773, 354.356
Yxy	23.2681, 0.4126, 0.2618
Android (android.graphics.Color)	4292368016 (0xFFD85690)
YUV	131.4820, 6.1714, 74.1223
Hunter-Lab	48.2370, 51.3213, -1.8096

# Details

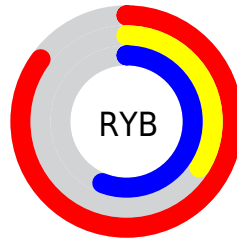
The Hex color **D85690** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **56D89E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF8DC6**, and **9D185E** is the 20% darker color. If you saturate the color by 10%, you get **D84084**, and if you desaturate by 10%, it is **D86C9C**.

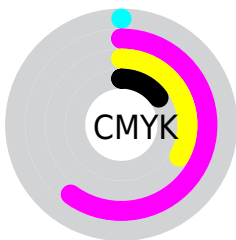
# Distribution



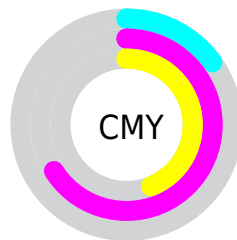
- Red (85%)
- Green (34%)
- Blue (56%)



- Red (85%)
- Yellow (34%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (33%)
- Black (15%)



- Cyan (15%)
- Magenta (66%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D85690 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 D85690 by changing the saturation by 10% instead.



 D85690

 D85690

FFFFFF

 BA3A76

 FF8DC6

 9D185E

 FFAAE2

 810046

 FFC6FE

 640030

 FFE3FF

 49001B

 2F0002

 000000

 D85690

 D85690

 D84084

 D86C9C

 D82B78

 D881A8

 D8156C

 D897B4

 D80060

 D8ACC0

 D8C2CC

 D8D8D8

 D8EDE4

 D8FFF0

 D8FFFC

# Harmonies

## Analogous

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



B766BF



D85690



DC595F

# Triad

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



D85690



778E20



0097D4

# Complementary

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



D85690



56D89E

# 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.



009CAC



D85690



339748

# Square

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



D85690



A57F16



009B79



008DE7

# Rectangle

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



D85690



D26541



009B79



0099C8



# Sweetspot

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



D85690



FFD1E6



9D56D8



806370



000000



808080



# Same Dimension

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



D85690



FF4799



D85D56



6B6065



AB004C



2B0013



# Inverse Universe

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



D85690



FF4799



56D2D8



6B6065



AB004C



2B0013



# Previews

## White Background



This preview shows how the Hex color D85690 looks on a white background.

## Color Contrast Check

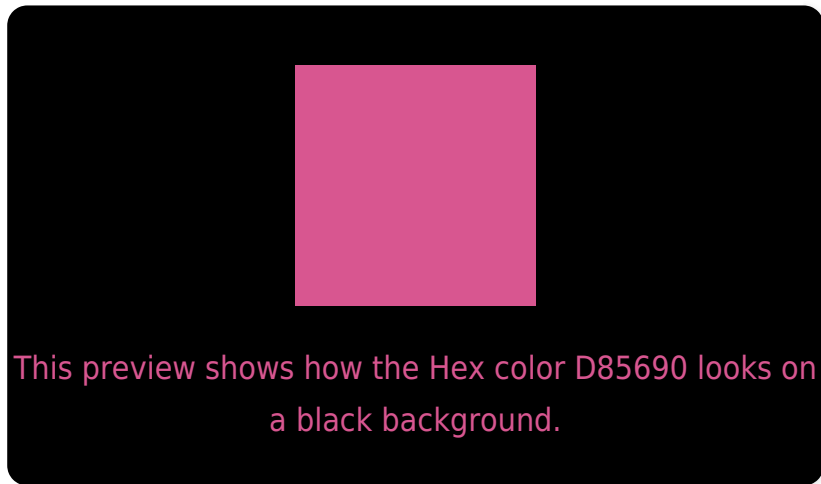
Large Text (above 18pt) WCAG AA ✓ Pass

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 D85690 Background



This preview shows how black text looks on a background with the Hex color D85690.



This preview shows how white text looks on a background with the Hex color D85690.

# 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](#).

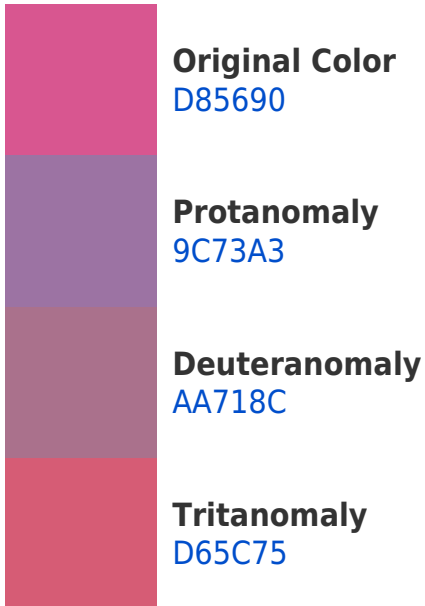
## Dichromacy





**Tritanopia**  
D55F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D85690 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 #D85690 looks like.

```
.text, #text, p{  
    color:#D85690  
}
```

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 #D85690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D85690
}
```

## Border

The CSS property to change the border of an element to Hex D85690 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
#D85690 }
```

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

```
.border{ border-color:#D85690 }
```

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

Here you see how a box with a 4 pixel #D85690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D85690; -webkit-box-shadow:4px 4px  
4px 4px #D85690; box-shadow:4px 4px 4px  
4px #D85690 }
```

# Background

The CSS property to change the background color of an element to Hex D85690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D85690 }
```

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

```
.background{ background-color:#D85690 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor