

# Converting Colors

Hex(D86895)

Have a look what the booklet for  
Hex(D86895) contains.

<b>Hex(D86895)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D86895)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D86895
RGB	216, 104, 149
RGB Percent	85%, 41%, 58%
CMY	0.1529, 0.5922, 0.4157
CMYK	0.00, 0.52, 0.31, 0.15
HSL	336°, 59%, 63%
HSV	336°, 52%, 85%
XYZ	38.6940, 26.6695, 31.5421
YIQ	142.6180, 52.3070, 37.7390

# Conversions

## Conversions Part 2

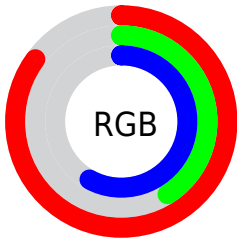
Format	Color
R <sub>Y</sub> B	216, 104, 149
Decimal	14182549
CIE Lab	58.67, 48.73, -3.60
CIE LCh	59, 48.863, 355.777
Yxy	26.6695, 0.3993, 0.2752
Android (android.graphics.Color)	4292372629 (0xFFD86895)
YUV	142.6180, 3.1463, 64.3560
Hunter-Lab	51.6425, 43.3698, -0.0633

# Details

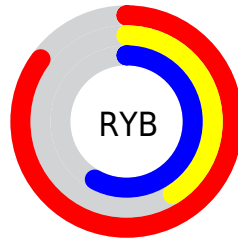
The Hex color **D86895** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68D8AB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF9ECB**, and **9E3262** is the 20% darker color. If you saturate the color by 10%, you get **D85288**, and if you desaturate by 10%, it is **D87EA2**.

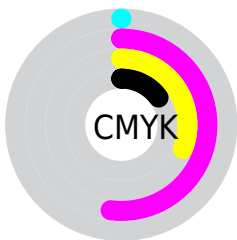
# Distribution



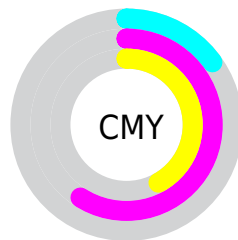
- Red (85%)
- Green (41%)
- Blue (58%)



- Red (85%)
- Yellow (41%)
- Blue (58%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (15%)



- Cyan (15%)
- Magenta (59%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D86895 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 D86895 by changing the saturation by 10% instead.



 D86895

 D86895

FFFFFF

 BB4D7B

 FF9ECB

 9E3262

 FFBAE7

 82134B

 FFD7FF

 660034

 FFF4FF

 4B001F

 340005

 000000

 D86895

 D86895

 D85288

 D87EA2

 D83D7B

 D893AF

 D8276E

 D8A9BC

 D81261

 D8BEC9

 D80057

 D8D4D6

 D8EAE3

 D8FFEF

 D8FFFC

 D8FFFF

# Harmonies

## Analogous

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



BC73BE



D86895



DC6B6A

# Triad

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



D86895



81963C



009ED3

# Complementary

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



D86895



68D8AB

# 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.



00A2B1



D86895



4A9E5B

# Square

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



D86895



AA8934



00A285



0F94E2

# Rectangle

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



D86895



D27351



00A285



00A0CA



# Sweetspot

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



D86895



FFD6E7



A968D8



806771



000000



808080



# Same Dimension

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



D86895



FF61A0



D87168



6B6065



AB0045



2B0011



# Inverse Universe

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



D86895



FF61A0



68CFD8



6B6065



AB0045



2B0011



# Previews

## White Background



This preview shows how the Hex color D86895 looks on a white background.

## Color Contrast Check

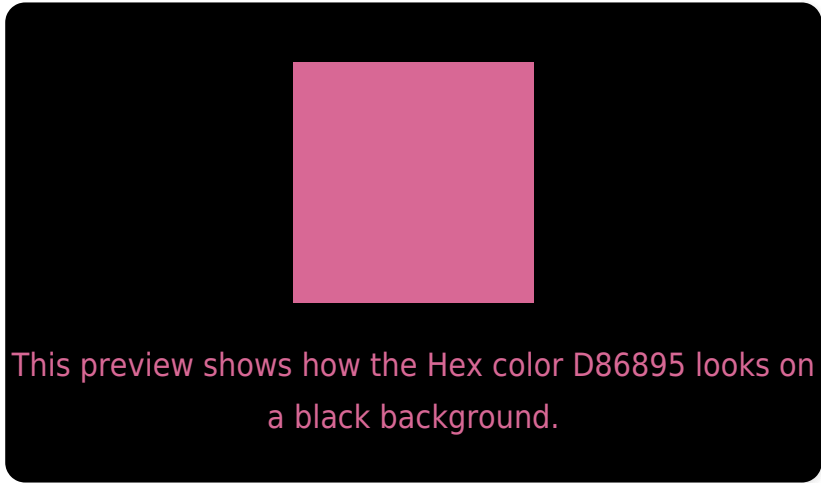
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86895 Background



This preview shows how black text looks on a background with the Hex color D86895.



This preview shows how white text looks on a background with the Hex color D86895.

# 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**  
D56E76

# Trichromacy



**Original Color**  
D86895



**Protanomaly**  
A47FA4



**Deuteranomaly**  
B17D92



**Tritanomaly**  
D66C81

# Monochromacy



**Original Color**  
D86895



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
AA8191

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D86895 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 #D86895 looks like.

```
.text, #text, p{  
    color:#D86895  
}
```

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 #D86895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86895
}
```

## Border

The CSS property to change the border of an element to Hex D86895 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
#D86895 }
```

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

```
.border{ border-color:#D86895 }
```

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

Here you see how a box with a 4 pixel #D86895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86895; -webkit-box-shadow:4px 4px  
4px 4px #D86895; box-shadow:4px 4px 4px  
4px #D86895 }
```

# Background

The CSS property to change the background color of an element to Hex D86895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86895 }
```

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

```
.background{ background-color:#D86895 }
```

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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