

Converting Colors

Hex(D86796)

Have a look what the booklet for
Hex(D86796) contains.

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Color

Hex(D86796)

Conversions

Conversions Part 1

Format	Color
Hex	D86796
RGB	216, 103, 150
RGB Percent	85%, 40%, 59%
CMY	0.1529, 0.5961, 0.4118
CMYK	0.00, 0.52, 0.31, 0.15
HSL	335°, 59%, 63%
HSV	335°, 52%, 85%
XYZ	38.6742, 26.5014, 31.9311
YIQ	142.1450, 52.2610, 38.5730

Conversions

Conversions Part 2

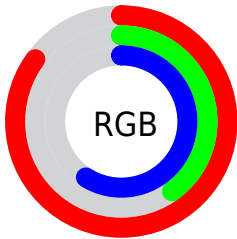
Format	Color
R _Y B	216, 103, 150
Decimal	14182294
CIE Lab	58.51, 49.34, -4.41
CIE LCh	59, 49.541, 354.892
Yxy	26.5014, 0.3983, 0.2729
Android (android.graphics.Color)	4292372374 (0xFFD86796)
YUV	142.1450, 3.8725, 64.7708
Hunter-Lab	51.4795, 44.0095, -0.7400

Details

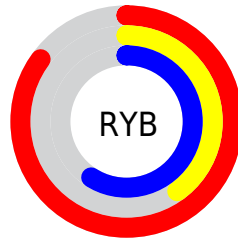
The Hex color **D86796** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67D8A9**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9DCC**, and **9E3163** is the 20% darker color. If you saturate the color by 10%, you get **D85189**, and if you desaturate by 10%, it is **D87DA3**.

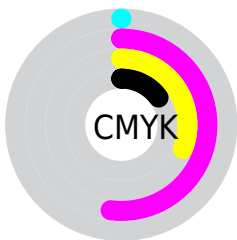
Distribution



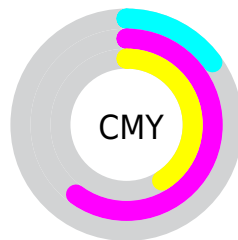
- Red (85%)
- Green (40%)
- Blue (59%)



- Red (85%)
- Yellow (40%)
- Blue (59%)



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



- Cyan (15%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86796 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 D86796 by changing the saturation by 10% instead.

 D86796

 D86796

FFFFFF

 BB4C7C

 FF9DCC

 9E3163

 FFB9E8

 82114B

 FFD6FF

 660035

 FFF3FF

 4B0020

 340006

 000000

 D86796

 D86796

 D85189

 D87DA3

 D83C7D

 D892AF

 D82670

 D8A8BC

 D81164

 D8BDC8

 D8005A

 D8D3D5

 D8E9E2

 D8FEEE

 D8FFFB

 D8FFFF

Harmonies

Analogous

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



BB73BF



D86796



DC696B

Triad

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



D86796



819539



009ED3

Complementary

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



D86796



67D8A9

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.



00A2B0



D86796



4B9E59

Square

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



D86796



AB8832



00A284



0094E3

Rectangle

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



D86796



D37251



00A284



00A0C9

Sweetspot

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



D86796



FFD6E7



A967D8



806771



000000



808080

Same Dimension

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



D86796



FF5EA1



D87067



6B6065



AB0047



2B0012

Inverse Universe

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



D86796



FF5EA1



67CFD8



6B6065



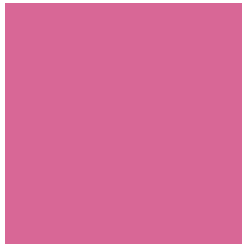
AB0047



2B0012

Previews

White Background



This preview shows how the Hex color D86796 looks on a white background.

Color Contrast Check

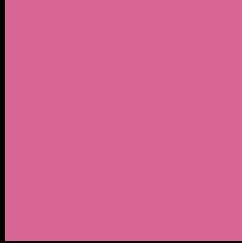
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86796 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 D86796 Background



This preview shows how black text looks on a background with the Hex color D86796.




This preview shows how white text looks on a background with the Hex color D86796.

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
D56D75

Trichromacy



Original Color
D86796



Protanomaly
A37FA5



Deuteranomaly
B07D93

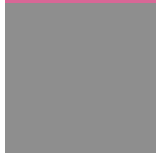


Tritanomaly
D66B81

Monochromacy



Original Color
D86796



Achromatopsia
8E8E8E



Achromatomaly
A98091

CSS Examples

Text

The CSS property to change the color of the text to Hex D86796 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 #D86796 looks like.

```
.text, #text, p{  
    color:#D86796  
}
```

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 #D86796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86796
}
```

Border

The CSS property to change the border of an element to Hex D86796 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
#D86796 }
```

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

```
.border{ border-color:#D86796 }
```

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

Here you see how a box with a 4 pixel #D86796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86796; -webkit-box-shadow:4px 4px  
4px 4px #D86796; box-shadow:4px 4px 4px  
4px #D86796 }
```

Background

The CSS property to change the background color of an element to Hex D86796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86796 }
```

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

```
.background{ background-color:#D86796 }
```

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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