

# Converting Colors

Hex(8D286F)

Have a look what the booklet for  
Hex(8D286F) contains.

<b>Hex(8D286F)</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(8D286F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D286F
RGB	141, 40, 111
RGB Percent	55%, 16%, 44%
CMY	0.4471, 0.8431, 0.5647
CMYK	0.00, 0.72, 0.21, 0.45
HSL	318°, 56%, 35%
HSV	318°, 72%, 55%
XYZ	14.6125, 8.3280, 15.8762
YIQ	78.2930, 37.4050, 43.4930

# Conversions

## Conversions Part 2

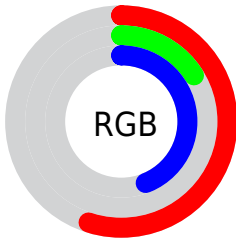
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 40, 111
Decimal	9250927
CIE <sub>Lab</sub>	34.66, 49.51, -17.93
CIE <sub>LCh</sub>	35, 52.652, 340.093
Yxy	8.3280, 0.3764, 0.2145
Android (android.graphics.Color)	4287441007 (0xFF8D286F)
YUV	78.2930, 16.1246, 54.9940
Hunter-Lab	28.8583, 39.8824, -12.4173

# Details

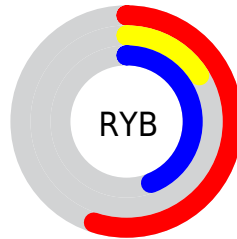
The Hex color **8D286F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **288D46**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **C55EA3**, and **57003F** is the 20% darker color. If you saturate the color by 10%, you get **8D1A6B**, and if you desaturate by 10%, it is **8D3673**.

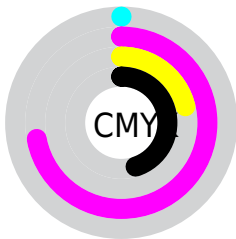
# Distribution



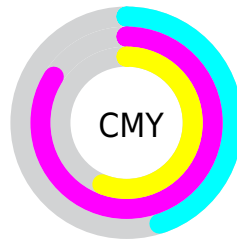
- Red (55%)
- Green (16%)
- Blue (44%)



- Red (55%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (72%)
- Yellow (21%)
- Black (45%)



- Cyan (45%)
- Magenta (84%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D286F 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 8D286F by changing the saturation by 10% instead.



 8D286F

 8D286F

FFFFFF

 720356

 C55EA3

 57003F

 E379BE

 3D0029

 FF94DA

 240014

 FFB0F6

 000000

 FFCCFF

 FFE9FF

 8D286F

 8D286F

 8D1A6B

 8D3673

8D0C67

8D4477

8D0063

8D527C

8D6080

8D6F84

8D7D88

8D8B8C

8D9991

8DA795

# Harmonies

## Analogous

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



643F92



8D286F



9B1F45

# Triad

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



8D286F



575400



006387

# Complementary

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



8D286F



288D46

# 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.



00645F



8D286F



265D02

# Square

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



8D286F



7A4500



006233



005EA1

# Rectangle

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



8D286F



97292A



006233



00647B



# Sweetspot

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



8D286F



B891AC



45288D



5C4555



DBDBDB



5C5C5C



# Same Dimension

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



8D286F



B81A89



8D283E



474045



87005F



080005



# Inverse Universe

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



8D286F



B81A89



288D77



474045



87005F



080005



# Previews

## White Background



This preview shows how the Hex color 8D286F looks on a white background.

## Color Contrast Check

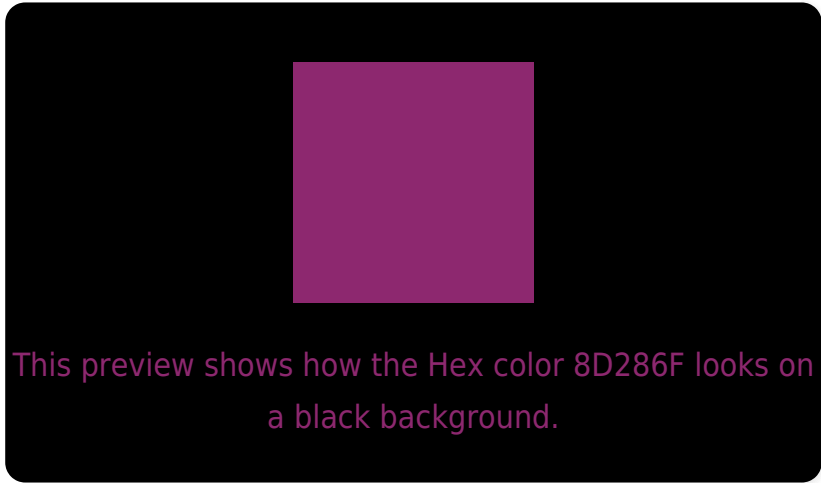
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

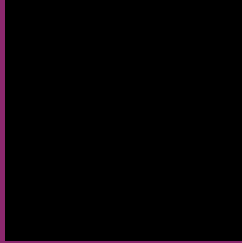
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8D286F Background



This preview shows how black text looks on a background with the Hex color 8D286F.



This preview shows how white text looks on a background with the Hex color 8D286F.

# 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**  
88383B

# Trichromacy



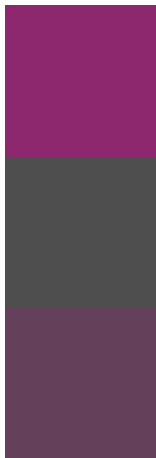
**Original Color**  
8D286F

**Protanomaly**  
564283

**Deuteranomaly**  
66426B

**Tritanomaly**  
8A324E

# Monochromacy



**Original Color**  
8D286F

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
65405A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D286F 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 #8D286F looks like.

```
.text, #text, p{  
    color:#8D286F  
}
```

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 #8D286F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D286F
}
```

## Border

The CSS property to change the border of an element to Hex 8D286F is called "border". The border property can be set on classes, ids or directly on the HTML element.

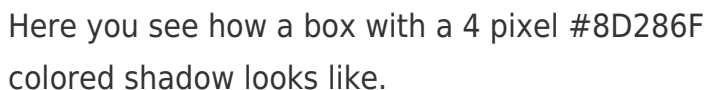
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D286F }
```

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

```
.border{ border-color:#8D286F }
```

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



Here you see how a box with a 4 pixel #8D286F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D286F; -webkit-box-shadow:4px 4px  
4px 4px #8D286F; box-shadow:4px 4px 4px  
4px #8D286F }
```

# Background

The CSS property to change the background color of an element to Hex 8D286F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D286F }
```

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

```
.background{ background-color:#8D286F }
```

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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