

# Converting Colors

Hex(8D005A)

Have a look what the booklet for  
Hex(8D005A) contains.

<b>Hex(8D005A)</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(8D005A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D005A
RGB	141, 0, 90
RGB Percent	55%, 0%, 35%
CMY	0.4471, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.36, 0.45
HSL	322°, 100%, 28%
HSV	322°, 100%, 55%
XYZ	12.8300, 6.4009, 10.2321
YIQ	52.4190, 55.1460, 57.8820

# Conversions

## Conversions Part 2

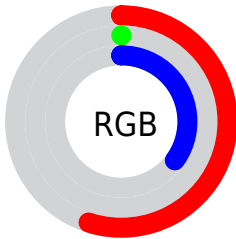
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 0, 90
Decimal	9240666
CIE <sub>Lab</sub>	30.40, 56.48, -10.92
CIE <sub>LCh</sub>	30, 57.525, 349.052
Yxy	6.4009, 0.4355, 0.2173
Android (android.graphics.Color)	4287430746 (0xFF8D005A)
YUV	52.4190, 18.5274, 77.6855
Hunter-Lab	25.3000, 46.2447, -6.2688

# Details

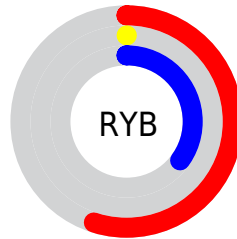
The Hex color **8D005A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008D33**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **C7498C**, and **55002C** is the 20% darker color. If you saturate the color by 10%, you get **8D005A**, and if you desaturate by 10%, it is **8D0E5F**.

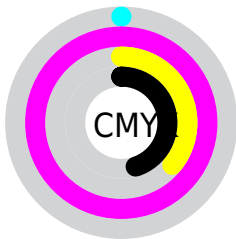
# Distribution



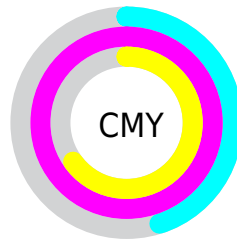
- Red (55%)
- Green (0%)
- Blue (35%)



- Red (55%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D005A 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 8D005A by changing the saturation by 10% instead.



 8D005A

 8D005A

FFFFFF

 710043

 C7498C

 55002C

 E465A6

 3D0018

 FF80C2

 1D0001

 FF9CDE

 000000

 FFB8FA

 FFD5FF

 FFF3FF

 8D005A

 8D0E5F

 8D1C64

 8D2A69

 8D386E

 8D4774

 8D5579

 8D637E

 8D7183

 8D7F88

# Harmonies

## Analogous

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



6B2A83



8D005A



93002E

# Triad

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



8D005A



3E4E00



00598B

# Complementary

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



8D005A



008D33

# 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.



005A64



8D005A



005600

# Square

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



8D005A



664000



005935



0052A1

# Rectangle

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



8D005A



8B1D10



005935



005A80



# Sweetspot

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



8D005A



B881A4



31008D



5C3B50



DBDBDB



5C5C5C



# Same Dimension

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



8D005A



B80075



8D0015



474045



870056



080005



# Inverse Universe

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



8D005A



B80075



008D78



474045



870056



080005



# Previews

## White Background



This preview shows how the Hex color 8D005A looks on a white background.

## Color Contrast Check

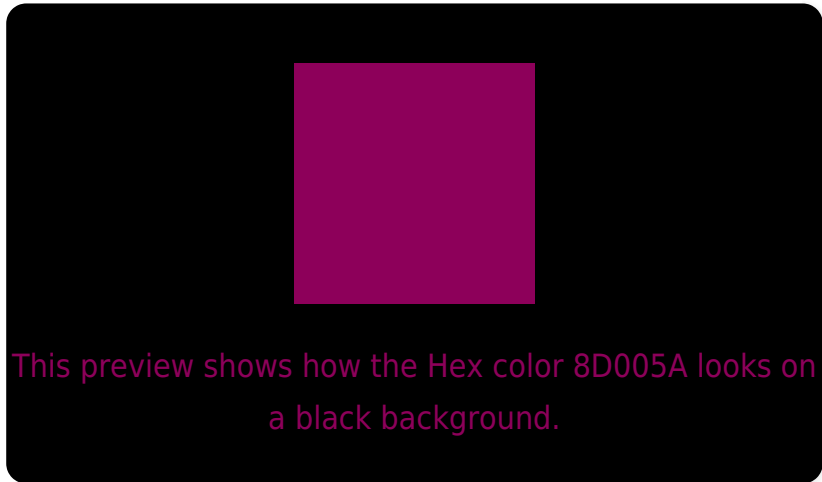
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D005A Background



This preview shows how black text looks on a background with the Hex color 8D005A.

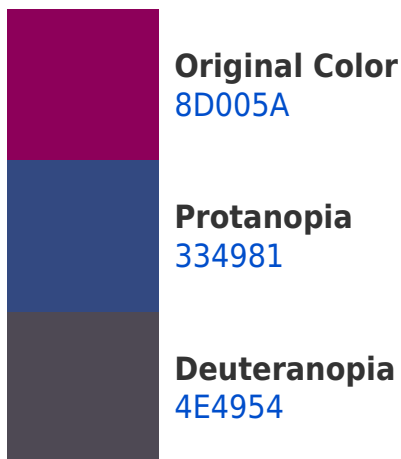



This preview shows how white text looks on a background with the Hex color 8D005A.

# 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**  
8A2425

# Trichromacy



**Original Color**  
8D005A

**Protanomaly**  
542E73

**Deuteranomaly**  
652E56

**Tritanomaly**  
8B1738

# Monochromacy



**Original Color**  
8D005A

**Achromatopsia**  
343434

**Achromatomaly**  
542142

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D005A 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 #8D005A looks like.

```
.text, #text, p{  
    color:#8D005A  
}
```

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 #8D005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D005A
}
```

## Border

The CSS property to change the border of an element to Hex 8D005A is called "border". The border property can be set on classes, ids or directly on the HTML element.

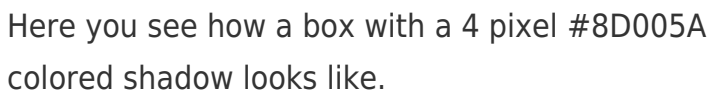
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D005A }
```

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

```
.border{ border-color:#8D005A }
```

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



Here you see how a box with a 4 pixel #8D005A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D005A; -webkit-box-shadow:4px 4px  
4px 4px #8D005A; box-shadow:4px 4px 4px  
4px #8D005A }
```

# Background

The CSS property to change the background color of an element to Hex 8D005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D005A }
```

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

```
.background{ background-color:#8D005A }
```

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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