

Converting Colors

Hex(85005A)

Have a look what the booklet for
Hex(85005A) contains.

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Color

Hex(85005A)

Conversions

Conversions Part 1

Format	Color
Hex	85005A
RGB	133, 0, 90
RGB Percent	52%, 0%, 35%
CMY	0.4784, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.32, 0.48
HSL	319°, 100%, 26%
HSV	319°, 100%, 52%
XYZ	11.5183, 5.7247, 10.1708
YIQ	50.0270, 50.3780, 56.1860

Conversions

Conversions Part 2

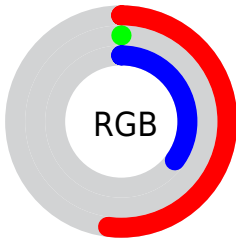
Format	Color
R_{YB}	133, 0, 90
Decimal	8716378
CIE Lab	28.71, 54.73, -13.66
CIE LCh	29, 56.408, 345.981
Yxy	5.7247, 0.4202, 0.2088
Android (android.graphics.Color)	4286906458 (0xFF85005A)
YUV	50.0270, 19.7067, 72.7673
Hunter-Lab	23.9264, 44.0598, -8.4548

Details

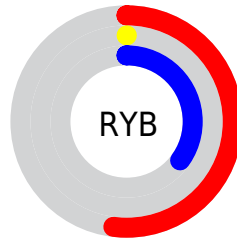
The Hex color **85005A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00852B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **BE478C**, and **4E002C** is the 20% darker color. If you saturate the color by 10%, you get **85005A**, and if you desaturate by 10%, it is **850D5E**.

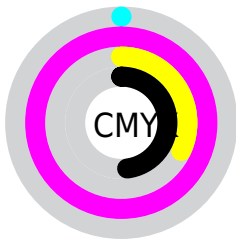
Distribution



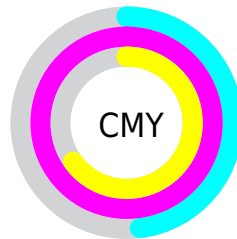
- Red (52%)
- Green (0%)
- Blue (35%)



- Red (52%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85005A 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 85005A by changing the saturation by 10% instead.

 85005A

 85005A

FFFFFF

 690042

 BE478C

 4E002C

 DB63A7

 360018

 F97EC2

 0F0000

 FF9ADE

 000000

 FFB6FA

 FFD2FF

 FFF0FF

 85005A

 850D5E

 851B63

 852867

 85356B

 854370

 855074

 855D78

 856A7C

 857881

Harmonies

Analogous

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



602A81



85005A



8D002F

Triad

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



85005A



3F4900



005582

Complementary

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



85005A



00852B

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.



00565B



85005A



005100

Square

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



85005A



643A00



00542D



004F99

Rectangle

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



85005A



861612



00542D



005576

Sweetspot

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



85005A



AD799D



2A0085



57374D



D6D6D6



575757

Same Dimension

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



85005A



AD0075



850018



423C40



820058



030002

Inverse Universe

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



85005A



AD0075



00856D



423C40



820058



030002

Previews

White Background



This preview shows how the Hex color 85005A looks on a white background.

Color Contrast Check

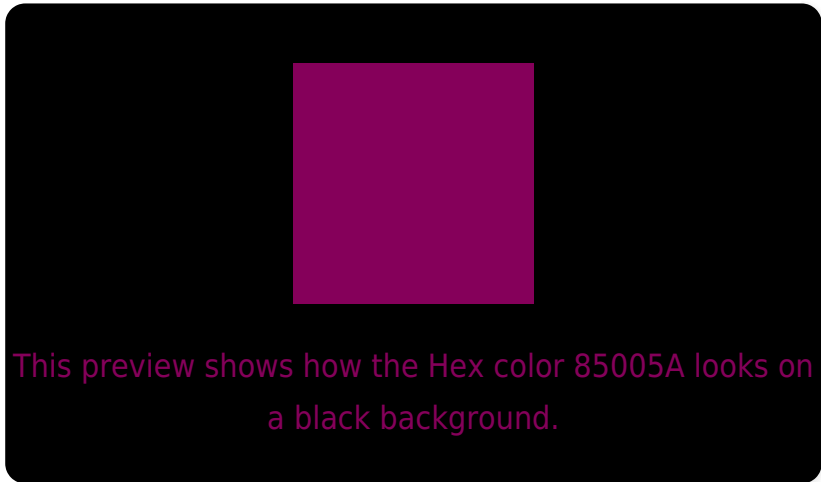
Large Text (above 18pt) WCAG AA ✓ Pass

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

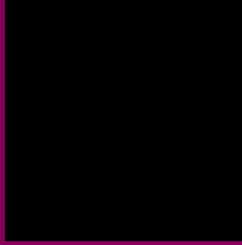
Any Text WCAG AA × Fail

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 85005A Background



This preview shows how black text looks on a background with the Hex color 85005A.

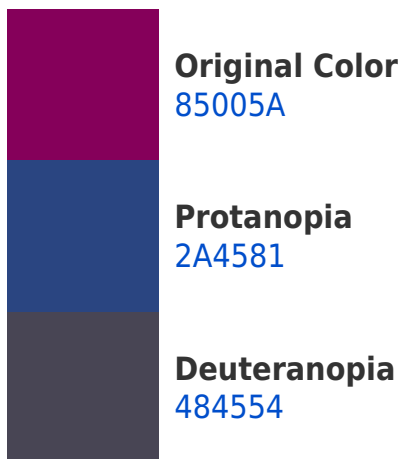


This preview shows how white text looks on a background with the Hex color 85005A.

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
812425

Trichromacy



Original Color
85005A

Protanomaly
4B2C73

Deuteranomaly
5E2C56

Tritanomaly
821738

Monochromacy



Original Color
85005A

Achromatopsia
323232

Achromatomaly
502041

CSS Examples

Text

The CSS property to change the color of the text to Hex 85005A 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 #85005A looks like.

```
.text, #text, p{  
    color:#85005A  
}
```

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 #85005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85005A
}
```

Border

The CSS property to change the border of an element to Hex 85005A 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".

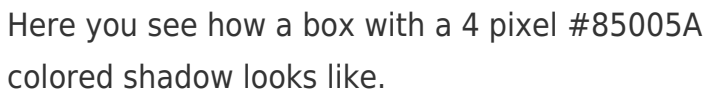
```
.border, #border, table{ border:4px solid
#85005A }
```

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

```
.border{ border-color:#85005A }
```

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

Here you see how a box with a 4 pixel #85005A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85005A; -webkit-box-shadow:4px 4px  
4px 4px #85005A; box-shadow:4px 4px 4px  
4px #85005A }
```

Background

The CSS property to change the background color of an element to Hex 85005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85005A }
```

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

```
.background{ background-color:#85005A }
```

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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