

# Converting Colors

Hex(85036C)

Have a look what the booklet for  
Hex(85036C) contains.

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**Color**

**Hex(85036C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85036C
RGB	133, 3, 108
RGB Percent	52%, 1%, 42%
CMY	0.4784, 0.9882, 0.5765
CMYK	0.00, 0.98, 0.19, 0.48
HSL	312°, 96%, 27%
HSV	312°, 98%, 52%
XYZ	12.4122, 6.1344, 14.7172
YIQ	53.8400, 43.7750, 60.2150

# Conversions

## Conversions Part 2

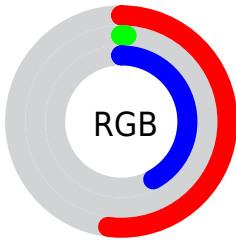
Format	Color
R <sub>Y</sub> B	133, 3, 108
Decimal	8717164
CIE <sub>Lab</sub>	29.75, 56.48, -23.76
CIE <sub>LCh</sub>	30, 61.274, 337.182
Y <sub>xy</sub>	6.1344, 0.3731, 0.1844
Android (android.graphics.Color)	4286907244 (0xFF85036C)
YUV	53.8400, 26.7009, 69.4233
Hunter-Lab	24.7677, 46.1110, -17.8934

# Details

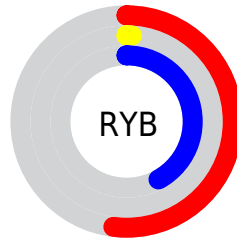
The Hex color **85036C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **03851C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **BE49A0**, and **4F003C** is the 20% darker color. If you saturate the color by 10%, you get **85006B**, and if you desaturate by 10%, it is **85106F**.

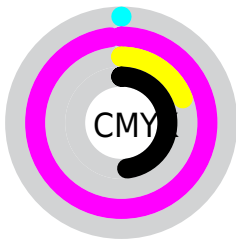
# Distribution



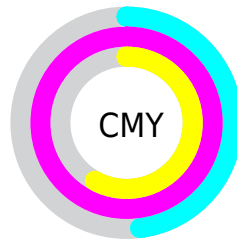
- Red (52%)
- Green (1%)
- Blue (42%)



- Red (52%)
- Yellow (1%)
- Blue (42%)



- Cyan (0%)
- Magenta (98%)
- Yellow (19%)
- Black (48%)



- Cyan (48%)
- Magenta (99%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85036C 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 85036C by changing the saturation by 10% instead.





85036C



85036C

FFFFFF



6A0054



BE49A0



4F003C



DB65BB



370026



F880D7



15000F



FF9CF3



000000



FFB8FF



FFD5FF



FFF2FF



85036C



85036C

85006B

85106F

851E71

852B74

853876

854679

85537B

85607E

856D80

857B83

# Harmonies

## Analogous

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



503293



85036C



96003D

# Triad

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



85036C



4D4800



00597F

# Complementary

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



85036C



03851C

# 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.



005951



85036C



125200

# Square

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



85036C



733500



00571E



00559F

# Rectangle

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



85036C



93001E



00571E



005971



# Sweetspot

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



85036C



AD7BA4



1B0385



573851



D6D6D6



575757



# Same Dimension

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



85036C



AD008C



85032C



423C41



820069



030002



# Inverse Universe

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



85036C



AD008C



03855C



423C41



820069



030002



# Previews

## White Background



This preview shows how the Hex color 85036C looks on a white background.

## Color Contrast Check

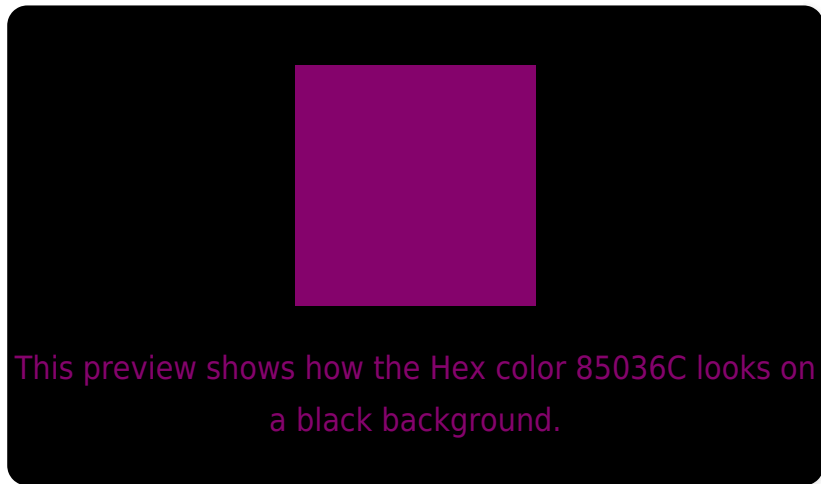
Large Text (above 18pt) WCAG AA ✓ Pass

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

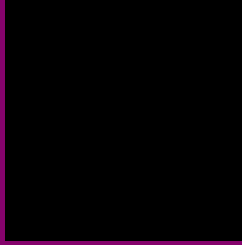
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 85036C Background



This preview shows how black text looks on a background with the Hex color 85036C.



This preview shows how white text looks on a background with the Hex color 85036C.

# 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**  
802B2D

# Trichromacy



**Original Color**  
85036C

**Protanomaly**  
302E87

**Deuteranomaly**  
592F68

**Tritanomaly**  
821C44

# Monochromacy



**Original Color**  
85036C

**Achromatopsia**  
363636

**Achromatomaly**  
53234A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85036C 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 #85036C looks like.

```
.text, #text, p{  
    color:#85036C  
}
```

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 #85036C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85036C
}
```

## Border

The CSS property to change the border of an element to Hex 85036C is called "border". The border property can be set on classes, ids or directly on the HTML element.

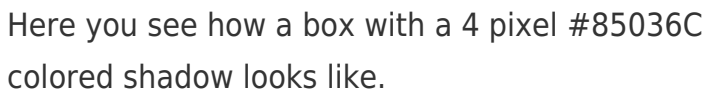
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85036C }
```

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

```
.border{ border-color:#85036C }
```

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



Here you see how a box with a 4 pixel #85036C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85036C; -webkit-box-shadow:4px 4px  
4px 4px #85036C; box-shadow:4px 4px 4px  
4px #85036C }
```

# Background

The CSS property to change the background color of an element to Hex 85036C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85036C }
```

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

```
.background{ background-color:#85036C }
```

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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