

Converting Colors

Hex(570057)

Have a look what the booklet for
Hex(570057) contains.

Hex(570057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(570057)

Conversions

Conversions Part 1

Format	Color
Hex	570057
RGB	87, 0, 87
RGB Percent	34%, 0%, 34%
CMY	0.6588, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.00, 0.66
HSL	300°, 100%, 17%
HSV	300°, 100%, 34%
XYZ	5.6508, 2.7144, 9.2429
YIQ	35.9310, 23.9250, 45.5010

Conversions

Conversions Part 2

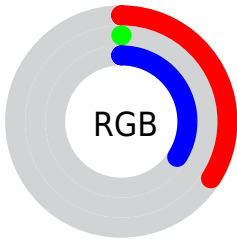
Format	Color
R_{YB}	87, 0, 87
Decimal	5701719
CIE _{Lab}	18.86, 44.88, -27.79
CIE _{LCh}	19, 52.789, 328.233
Yxy	2.7144, 0.3209, 0.1542
Android (android.graphics.Color)	4283891799 (0xFF570057)
YUV	35.9310, 25.1770, 44.7875
Hunter-Lab	16.4753, 32.3910, -21.7300

Details

The Hex color **570057** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005700**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **8C3C89**, and **280029** is the 20% darker color. If you saturate the color by 10%, you get **570057**, and if you desaturate by 10%, it is **570957**.

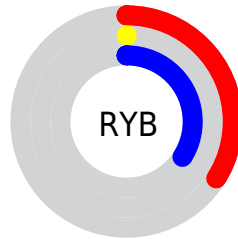
Distribution



Red (34%)

Green (0%)

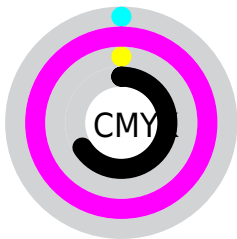
Blue (34%)



Red (34%)

Yellow (0%)

Blue (34%)

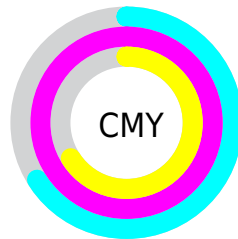


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (66%)



Cyan (66%)

Magenta (100%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570057 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 570057 by changing the saturation by 10% instead.

 570057

 570057

 FFFAFF

 3E003F

 8C3C89

 280029

 A755A4

 000113

 C36FBF

 000000

 E08ADB

 FDA5F8

 FFC1FF

 FFDDFF

 570057

■ 570957

■ 571157

■ 571A57

■ 572357

■ 572C57

■ 573457

■ 573D57

■ 574657

■ 574E57

Harmonies

Analogous

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



172573



570057



6C0032

Triad

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



570057



3C2C00



003D52

Complementary

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



570057



005700

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.



003C2A



570057



133600

Square

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



570057



581800



003A00



003B70

Rectangle

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



570057



6C0019



003A00



003D45

Sweetspot

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



570057



704F70



000057



382438



B8B8B8



383838

Same Dimension

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



570057



700070



57002C



2B272B



6B006B



EB00EB

Inverse Universe

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



570057



700070



00572C



2B272B



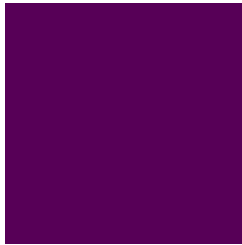
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 570057 looks on a white background.

Color Contrast Check

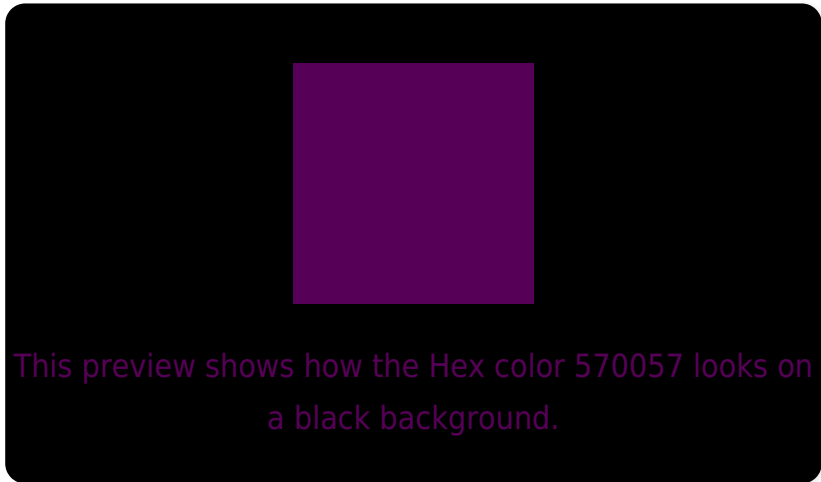
Large Text (above 18pt) WCAG AA ✓ Pass

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

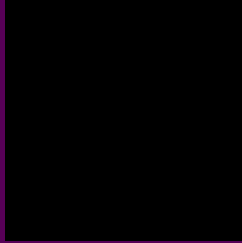
Any Text WCAG AA × Fail

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 570057 Background



This preview shows how black text looks on a background with the Hex color 570057.



This preview shows how white text looks on a background with the Hex color 570057.

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



Original Color
570057

Protanopia
003066

Deuteranopia
1E3252



Tritanopia
522224

Trichromacy



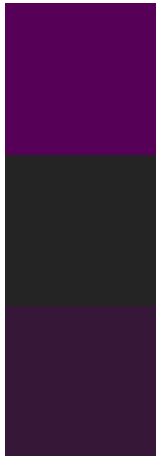
Original Color
570057

Protanomaly
201F61

Deuteranomaly
332054

Tritanomaly
541637

Monochromacy



Original Color
570057

Achromatopsia
242424

Achromatomaly
371737

CSS Examples

Text

The CSS property to change the color of the text to Hex 570057 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 #570057 looks like.

```
.text, #text, p{  
    color:#570057  
}
```

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 #570057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570057
}
```

Border

The CSS property to change the border of an element to Hex 570057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

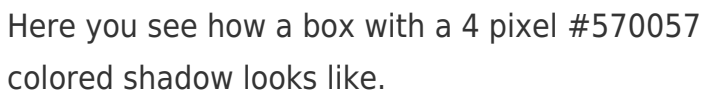
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570057 }
```

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

```
.border{ border-color:#570057 }
```

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



Here you see how a box with a 4 pixel #570057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570057; -webkit-box-shadow:4px 4px  
4px 4px #570057; box-shadow:4px 4px 4px  
4px #570057 }
```

Background

The CSS property to change the background color of an element to Hex 570057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570057 }
```

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

```
.background{ background-color:#570057 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor