

Converting Colors

Hex(570052)

Have a look what the booklet for
Hex(570052) contains.

Hex(570052)	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(570052)

Conversions

Conversions Part 1

Format	Color
Hex	570052
RGB	87, 0, 82
RGB Percent	34%, 0%, 32%
CMY	0.6588, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.06, 0.66
HSL	303°, 100%, 17%
HSV	303°, 100%, 34%
XYZ	5.4535, 2.6354, 8.2039
YIQ	35.3610, 25.5300, 43.9460

Conversions

Conversions Part 2

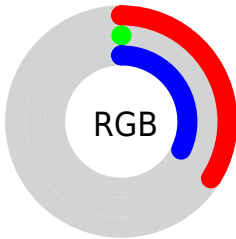
Format	Color
R _Y B	87, 0, 82
Decimal	5701714
CIE Lab	18.52, 44.05, -24.95
CIE LCh	19, 50.630, 330.470
Yxy	2.6354, 0.3347, 0.1618
Android (android.graphics.Color)	4283891794 (0xFF570052)
YUV	35.3610, 22.9930, 45.2874
Hunter-Lab	16.2340, 31.5537, -18.5985

Details

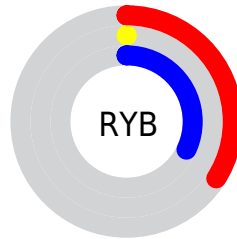
The Hex color **570052** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005705**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **8C3B84**, and **280025** is the 20% darker color. If you saturate the color by 10%, you get **570052**, and if you desaturate by 10%, it is **570953**.

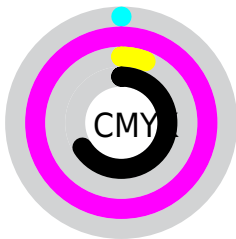
Distribution



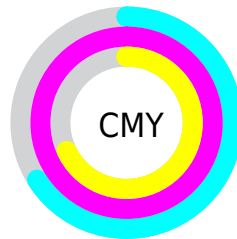
- Red (34%)
- Green (0%)
- Blue (32%)



- Red (34%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (66%)



- Cyan (66%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570052 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 570052 by changing the saturation by 10% instead.

 570052

 570052

 FFFAFF

 3E003B

 8C3B84

 280025

 A7559E

 00000C

 C36FB9

 000000

 E089D5

 FDA5F1

 FFC0FF

 FFDDFF

 570052

■ 570953

■ 571153

■ 571A54

■ 572354

■ 572C55

■ 573455

■ 573D56

■ 574656

■ 574E57

Harmonies

Analogous

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



22236E



570052



69002E

Triad

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



570052



382C00



003B52

Complementary

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



570052



005705

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.



003B2D



570052



113500

Square

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



570052



541B00



003901



003A6E

Rectangle

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



570052



690017



003901



003B46

Sweetspot

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



570052



704F6E



040057



382437



B8B8B8



383838

Same Dimension

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



570052



70006A



570027



2B272B



6B0065



EB00DD

Inverse Universe

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



570052



70006A



005730



2B272B



6B0065



EB00DD

Previews

White Background



This preview shows how the Hex color 570052 looks on a white background.

Color Contrast Check

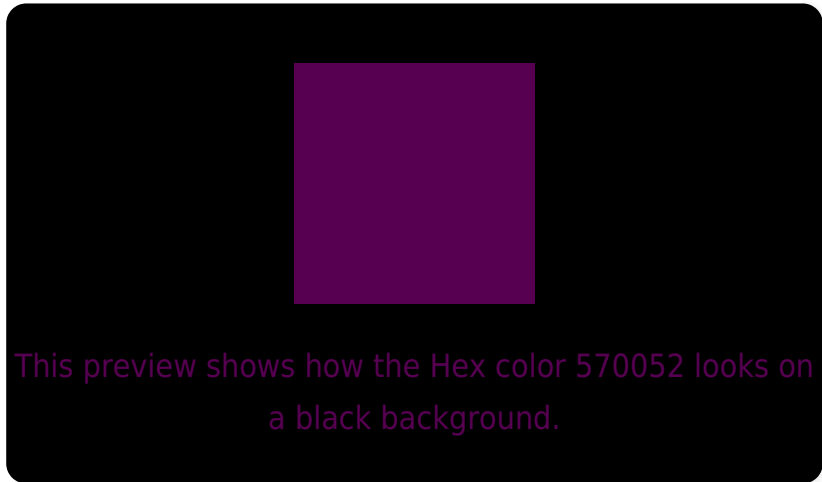
Large Text (above 18pt) WCAG AA ✓ Pass

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

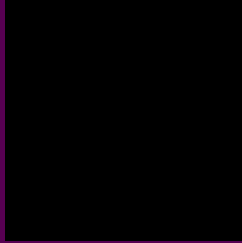
Any Text WCAG AA × Fail

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 570052 Background



This preview shows how black text looks on a background with the Hex color 570052.

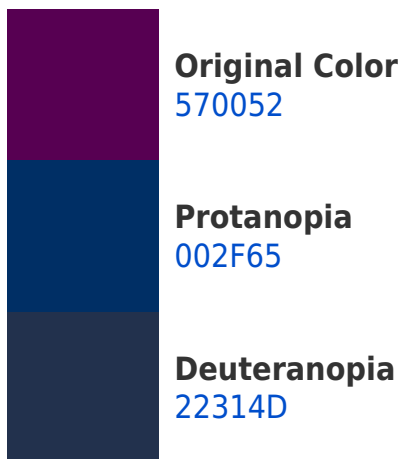


This preview shows how white text looks on a background with the Hex color 570052.

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



Trichromacy



Original Color
570052

Protanomaly
201E5E

Deuteranomaly
351F4F

Tritanomaly
541433

Monochromacy



Original Color
570052

Achromatopsia
232323

Achromatomaly
361634

CSS Examples

Text

The CSS property to change the color of the text to Hex 570052 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 #570052 looks like.

```
.text, #text, p{  
    color:#570052  
}
```

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 #570052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570052
}
```

Border

The CSS property to change the border of an element to Hex 570052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

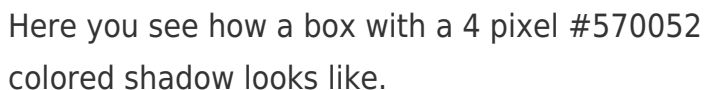
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570052 }
```

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

```
.border{ border-color:#570052 }
```

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



Here you see how a box with a 4 pixel #570052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570052; -webkit-box-shadow:4px 4px  
4px 4px #570052; box-shadow:4px 4px 4px  
4px #570052 }
```

Background

The CSS property to change the background color of an element to Hex 570052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570052 }
```

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

```
.background{ background-color:#570052 }
```

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