

Converting Colors

Hex(570009)

Have a look what the booklet for
Hex(570009) contains.

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Color

Hex(570009)

Conversions

Conversions Part 1

Format	Color
Hex	570009
RGB	87, 0, 9
RGB Percent	34%, 0%, 4%
CMY	0.6588, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.90, 0.66
HSL	354°, 100%, 17%
HSV	354°, 100%, 34%
XYZ	3.9798, 2.0460, 0.4436
YIQ	27.0390, 48.9630, 21.2430

Conversions

Conversions Part 2

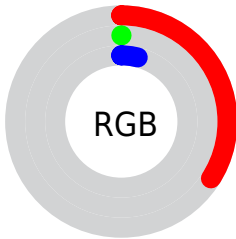
Format	Color
R_{YB}	87, 0, 9
Decimal	5701641
CIE _{Lab}	15.73, 36.87, 20.77
CIE _{LCh}	16, 42.319, 29.393
Yxy	2.0460, 0.6152, 0.3163
Android (android.graphics.Color)	4283891721 (0xFF570009)
YUV	27.0390, -8.8932, 52.5858
Hunter-Lab	14.3037, 24.6334, 8.1739

Details

The Hex color **570009** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00574E**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **8F3835**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **570009**, and if you desaturate by 10%, it is **570911**.

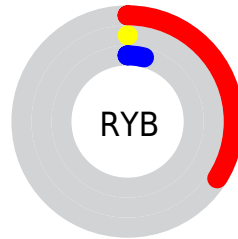
Distribution



Red (34%)

Green (0%)

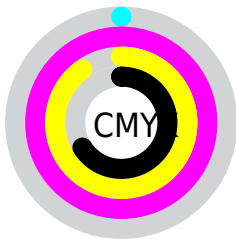
Blue (4%)



Red (34%)

Yellow (0%)

Blue (4%)

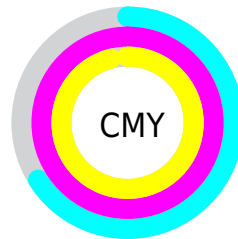


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (66%)



Cyan (66%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570009 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 570009 by changing the saturation by 10% instead.

 570009

 570009

 FFF4E9

 3C0000

 8F3835

 200001

 AC514C

 000000

 C96A63

 E7847C

 FF9F96

 FFBBB1

 FFD7CC

 570009

■ 570911

■ 571119

■ 571A20

■ 572328

■ 572C30

■ 573438

■ 573D40

■ 574647

■ 574E4F

Harmonies

Analogous

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



580029



570009



491800

Triad

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



570009



003101



002C64

Complementary

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



570009



00574E

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.



00325B



570009



003326

Square

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



570009



142E00



003344



1E1F5C

Rectangle

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



570009



3A2200



003344



002E63

Sweetspot

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



570009



704F52



4D0057



382426



B8B8B8



383838

Same Dimension

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



570009



70000C



572100



2B2727



6B000B



EB0018

Inverse Universe

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



570009



70000C



003657



2B2727



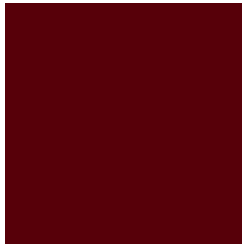
6B000B



EB0018

Previews

White Background



This preview shows how the Hex color 570009 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

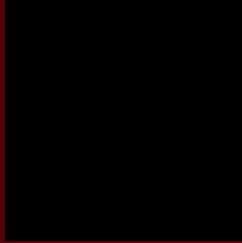
Any Text WCAG AA × Fail

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 570009 Background



This preview shows how black text looks on a background with the Hex color 570009.

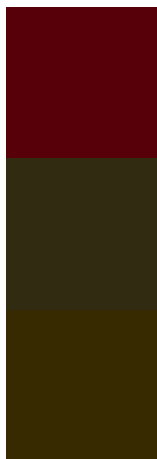


This preview shows how white text looks on a background with the Hex color 570009.

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
570009

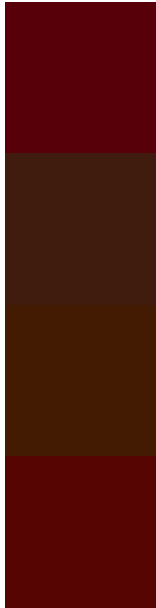
Protanopia
312C11

Deuteranopia
372A00



Tritanopia
560800

Trichromacy



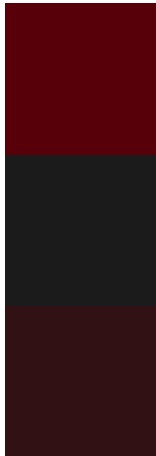
Original Color
570009

Protanomaly
3F1C0E

Deuteranomaly
431B03

Tritanomaly
560503

Monochromacy



Original Color
570009

Achromatopsia
1B1B1B

Achromatomaly
311114

CSS Examples

Text

The CSS property to change the color of the text to Hex 570009 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 #570009 looks like.

```
.text, #text, p{  
    color:#570009  
}
```

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 #570009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570009
}
```

Border

The CSS property to change the border of an element to Hex 570009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

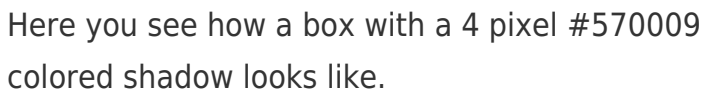
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570009 }
```

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

```
.border{ border-color:#570009 }
```

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



Here you see how a box with a 4 pixel #570009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570009; -webkit-box-shadow:4px 4px  
4px 4px #570009; box-shadow:4px 4px 4px  
4px #570009 }
```

Background

The CSS property to change the background color of an element to Hex 570009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570009 }
```

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

```
.background{ background-color:#570009 }
```

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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