

# Converting Colors

Hex(570200)

Have a look what the booklet for  
Hex(570200) contains.

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**Color**

**Hex(570200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	570200
RGB	87, 2, 0
RGB Percent	34%, 1%, 0%
CMY	0.6588, 0.9922, 1.0000
CMYK	0.00, 0.98, 1.00, 0.66
HSL	1°, 100%, 17%
HSV	1°, 100%, 34%
XYZ	3.9522, 2.0697, 0.1912
YIQ	27.1870, 51.3020, 17.3980

# Conversions

## Conversions Part 2

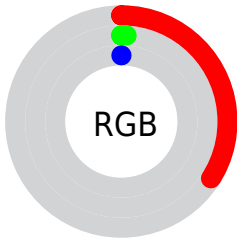
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 2, 0
Decimal	5702144
CIE Lab	15.85, 35.94, 24.59
CIE LCh	16, 43.550, 34.378
Yxy	2.0697, 0.6361, 0.3331
Android (android.graphics.Color)	4283892224 (0xFF570200)
YUV	27.1870, -13.4032, 52.4560
Hunter-Lab	14.3863, 23.8613, 9.2825

# Details

The Hex color **570200** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005557**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **8F392F**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **570200**, and if you desaturate by 10%, it is **570A09**.

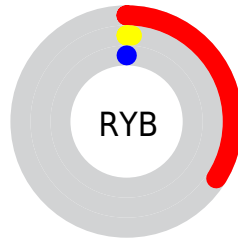
# Distribution



Red (34%)

Green (1%)

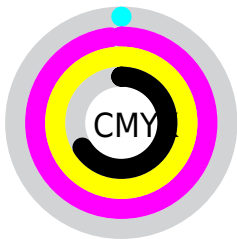
Blue (0%)



Red (34%)

Yellow (1%)

Blue (0%)

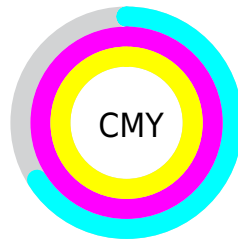


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (99%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 570200 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 570200 by changing the saturation by 10% instead.



 570200

 570200

 FFF4E1

 3B0000

 8F392F

 200001

 AC5245

 000000

 C96B5D

 E78576

 FFA090

 FFBBAA

 FFD8C5

 570200

■ 570A09

■ 571311

■ 571C1A

■ 572423

■ 572D2C

■ 573534

■ 573E3D

■ 574646

■ 574F4E

# Harmonies

## Analogous

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



5B0024



570200



461B00

# Triad

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



570200



003208



002B66

# Complementary

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



570200



005557

# 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.



003160



570200



00342B

# Square

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



570200



0B2F00



00344A



291C5B

# Rectangle

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



570200



372400



00344A



002E66



# Sweetspot

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



570200



704F4F



570056



382424



B8B8B8



383838



# Same Dimension

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



570200



700300



572D00



2B2727



6B0200



EB0500



# Inverse Universe

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



005557



006E70



002A57



272B2B



00696B

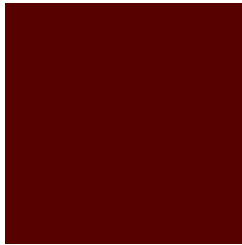


00E5EB



# Previews

## White Background



This preview shows how the Hex color 570200 looks on a white background.

## Color Contrast Check

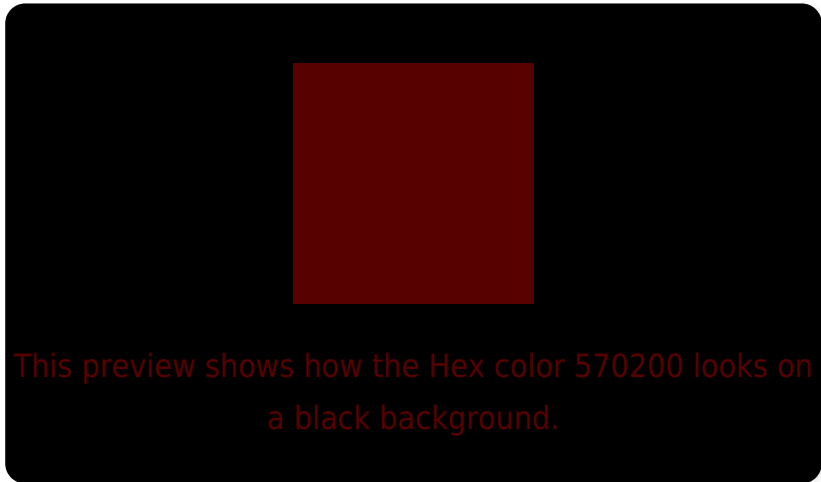
Large Text (above 18pt) WCAG AA ✓ Pass

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

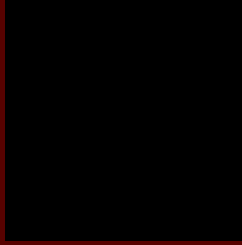
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 570200 Background



This preview shows how black text looks on a background with the Hex color 570200.

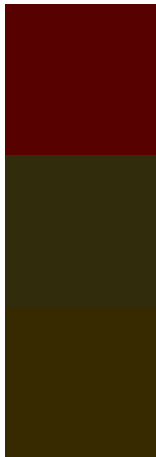


This preview shows how white text looks on a background with the Hex color 570200.

# 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**  
570200

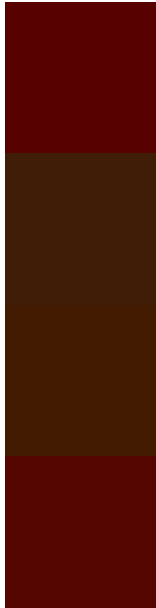
**Protanopia**  
312C0B

**Deuteranopia**  
372A00



**Tritanopia**  
560800

# Trichromacy



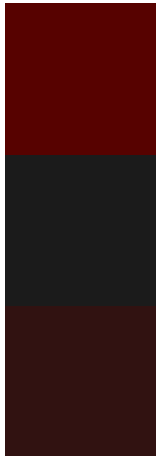
**Original Color**  
570200

**Protanomaly**  
3F1D07

**Deuteranomaly**  
431B00

**Tritanomaly**  
560600

# Monochromacy



**Original Color**  
570200

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
311211

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 570200 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 #570200 looks like.

```
.text, #text, p{  
    color:#570200  
}
```

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 #570200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570200
}
```

## Border

The CSS property to change the border of an element to Hex 570200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

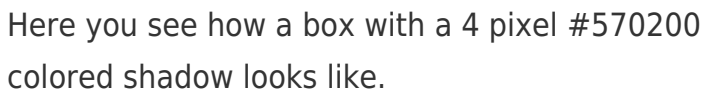
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570200 }
```

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

```
.border{ border-color:#570200 }
```

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



Here you see how a box with a 4 pixel #570200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570200; -webkit-box-shadow:4px 4px  
4px 4px #570200; box-shadow:4px 4px 4px  
4px #570200 }
```

# Background

The CSS property to change the background color of an element to Hex 570200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570200 }
```

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

```
.background{ background-color:#570200 }
```

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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