

Converting Colors

Hex(570302)

Have a look what the booklet for
Hex(570302) contains.

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Color

Hex(570302)

Conversions

Conversions Part 1

Format	Color
Hex	570302
RGB	87, 3, 2
RGB Percent	34%, 1%, 1%
CMY	0.6588, 0.9882, 0.9922
CMYK	0.00, 0.97, 0.98, 0.66
HSL	1°, 96%, 17%
HSV	1°, 98%, 34%
XYZ	3.9740, 2.0957, 0.2525
YIQ	28.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

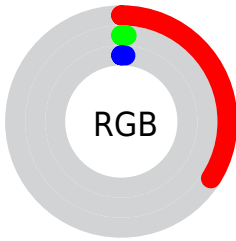
Format	Color
RYB	87, 3, 2
Decimal	5702402
CIELab	15.98, 35.69, 23.94
CIELCh	16, 42.975, 33.859
Yxy	2.0957, 0.6286, 0.3315
Android (android.graphics.Color)	4283892482 (0xFF570302)
YUV	28.0020, -12.8190, 51.7412
Hunter-Lab	14.4767, 23.6659, 9.0996

Details

The Hex color **570302** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **025657**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **8F3930**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **570100**, and if you desaturate by 10%, it is **570C0B**.

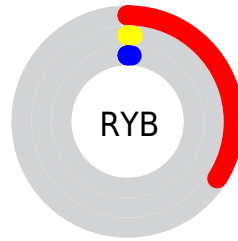
Distribution



Red (34%)

Green (1%)

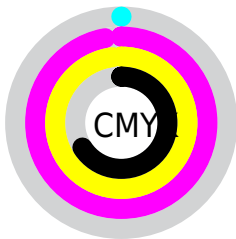
Blue (1%)



Red (34%)

Yellow (1%)

Blue (1%)

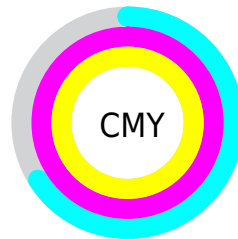


Cyan (0%)

Magenta (97%)

Yellow (98%)

Black (66%)



Cyan (66%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570302 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 570302 by changing the saturation by 10% instead.

 570302

 570302

 FFF5E3

 3C0000

 8F3930

 200001

 AC5247

 000000

 C96C5F

 E78677

 FFA191

 FFBCAC

 FFD8C7

 570302

 570302

■ 570100

■ 570C0B

■ 571413

■ 571D1C

■ 572525

■ 572E2E

■ 573736

■ 573F3F

■ 574848

■ 575050

Harmonies

Analogous

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



5B0025



570302



471B00

Triad

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



570302



003208



002B66

Complementary

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



570302



025657

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.



00325F



570302



00342B

Square

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



570302



0D2F00



003449



281D5B

Rectangle

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



570302



382400



003449



002E66

Sweetspot

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



570302



705050



570257



382524



B8B8B8



383838

Same Dimension

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



570302



700100



572D02



2B2727



6B0100



EB0300

Inverse Universe

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



025657



006F70



022D57



272B2B



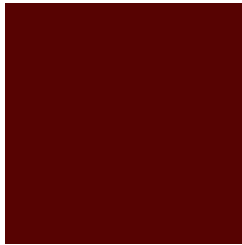
006A6B



00E8EB

Previews

White Background



This preview shows how the Hex color 570302 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

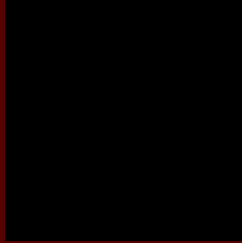
Any Text WCAG AA × Fail

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 570302 Background



This preview shows how black text looks on a background with the Hex color 570302.



This preview shows how white text looks on a background with the Hex color 570302.

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
570302

Protanopia
312C0B

Deuteranopia
372A00



Tritanopia
560800

Trichromacy



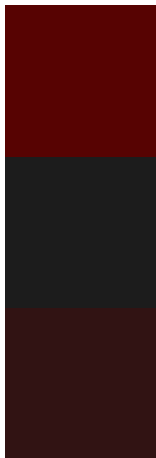
Original Color
570302

Protanomaly
3F1D08

Deuteranomaly
431C01

Tritanomaly
560601

Monochromacy



Original Color
570302

Achromatopsia
1C1C1C

Achromatomaly
311313

CSS Examples

Text

The CSS property to change the color of the text to Hex 570302 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 #570302 looks like.

```
.text, #text, p{  
    color:#570302  
}
```

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 #570302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570302
}
```

Border

The CSS property to change the border of an element to Hex 570302 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".

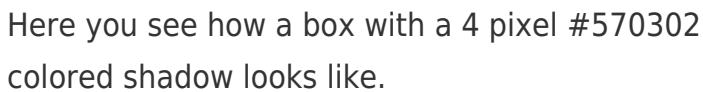
```
.border, #border, table{ border:4px solid
#570302 }
```

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

```
.border{ border-color:#570302 }
```

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

Here you see how a box with a 4 pixel #570302 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570302; -webkit-box-shadow:4px 4px  
4px 4px #570302; box-shadow:4px 4px 4px  
4px #570302 }
```

Background

The CSS property to change the background color of an element to Hex 570302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570302 }
```

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

```
.background{ background-color:#570302 }
```

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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