

Converting Colors

Hex(570318)

Have a look what the booklet for
Hex(570318) contains.

Hex(570318)	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(570318)

Conversions

Conversions Part 1

Format	Color
Hex	570318
RGB	87, 3, 24
RGB Percent	34%, 1%, 9%
CMY	0.6588, 0.9882, 0.9059
CMYK	0.00, 0.97, 0.72, 0.66
HSL	345°, 93%, 18%
HSV	345°, 97%, 34%
XYZ	4.1279, 2.1573, 1.0630
YIQ	30.5100, 43.3230, 24.3390

Conversions

Conversions Part 2

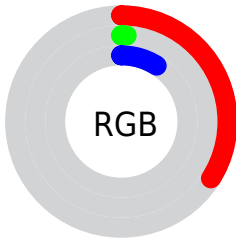
Format	Color
RYB	87, 3, 24
Decimal	5702424
CIELab	16.29, 36.56, 12.93
CIELCh	16, 38.782, 19.477
Yxy	2.1573, 0.5618, 0.2936
Android (android.graphics.Color)	4283892504 (0xFF570318)
YUV	30.5100, -3.2094, 49.5417
Hunter-Lab	14.6878, 24.4627, 5.9905

Details

The Hex color **570318** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **035742**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **8E3A42**, and **220001** is the 20% darker color. If you saturate the color by 10%, you get **570016**, and if you desaturate by 10%, it is **570C1F**.

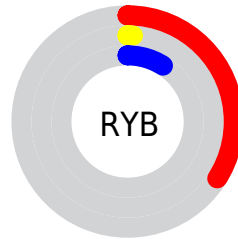
Distribution



Red (34%)

Green (1%)

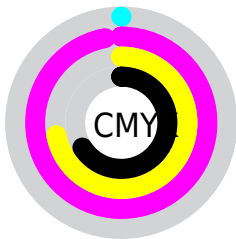
Blue (9%)



Red (34%)

Yellow (1%)

Blue (9%)

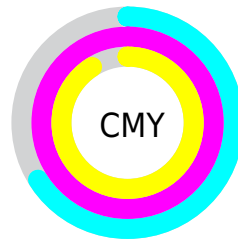


Cyan (0%)

Magenta (97%)

Yellow (72%)

Black (66%)



Cyan (66%)

Magenta (99%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570318 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 570318 by changing the saturation by 10% instead.

 570318

 570318

 FFF6FA

 3D0000

 8E3A42

 220001

 AA535A

 000000

 C76C72

 E5878C

 FFA1A6

 FFBDC1

 FFD9DD

 570318

 570318

■ 570016

■ 570C1F

■ 571425

■ 571D2C

■ 572632

■ 572F39

■ 57373F

■ 574046

■ 57494C

■ 575153

Harmonies

Analogous

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



530333



570318



4E1500

Triad

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



570318



003100



002F5F

Complementary

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



570318



035742

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.



003352



570318



00331D

Square

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



570318



232C00



00343A



01265D

Rectangle

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



570318



422000



00343A



00315D

Sweetspot

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



570318



705058



420357



382429



B8B8B8



383838

Same Dimension

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



570318



70001C



571803



2B2728



6B001B



EB003B

Inverse Universe

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



570318



70001C



034257



2B2728



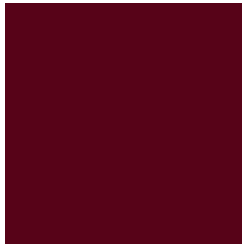
6B001B



EB003B

Previews

White Background



This preview shows how the Hex color 570318 looks on a white background.

Color Contrast Check

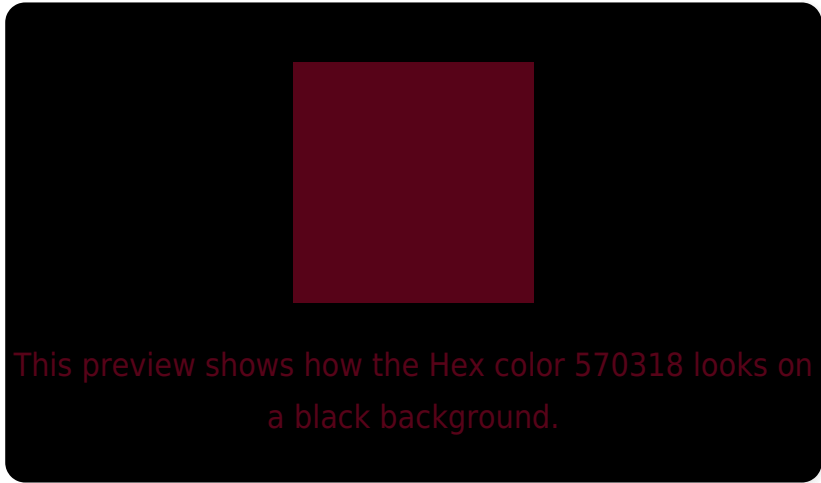
Large Text (above 18pt) WCAG AA ✓ Pass

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

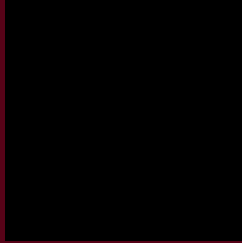
Any Text WCAG AA × Fail

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 570318 Background



This preview shows how black text looks on a background with the Hex color 570318.



This preview shows how white text looks on a background with the Hex color 570318.

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
570318

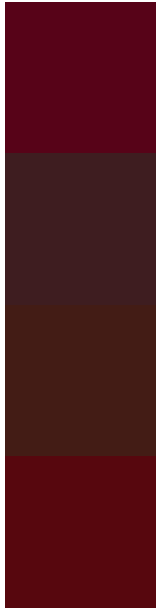
Protanopia
2F2C24

Deuteranopia
372A13



Tritanopia
570A08

Trichromacy



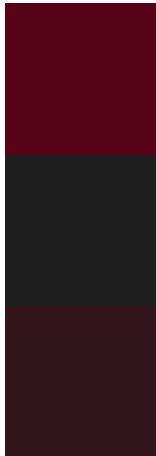
Original Color
570318

Protanomaly
3E1D20

Deuteranomaly
431C15

Tritanomaly
57070E

Monochromacy



Original Color
570318

Achromatopsia
1F1F1F

Achromatomaly
33151C

CSS Examples

Text

The CSS property to change the color of the text to Hex 570318 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 #570318 looks like.

```
.text, #text, p{  
    color:#570318  
}
```

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 #570318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570318
}
```

Border

The CSS property to change the border of an element to Hex 570318 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".

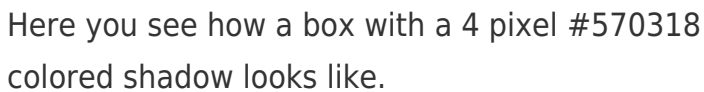
```
.border, #border, table{ border:4px solid
#570318 }
```

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

```
.border{ border-color:#570318 }
```

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

Here you see how a box with a 4 pixel #570318 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #570318 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570318; -webkit-box-shadow:4px 4px  
4px 4px #570318; box-shadow:4px 4px 4px  
4px #570318 }
```

Background

The CSS property to change the background color of an element to Hex 570318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570318 }
```

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

```
.background{ background-color:#570318 }
```

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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