

Converting Colors

Hex(570B1A)

Have a look what the booklet for
Hex(570B1A) contains.

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Color

Hex(570B1A)

Conversions

Conversions Part 1

Format	Color
Hex	570B1A
RGB	87, 11, 26
RGB Percent	34%, 4%, 10%
CMY	0.6588, 0.9569, 0.8980
CMYK	0.00, 0.87, 0.70, 0.66
HSL	348°, 78%, 19%
HSV	348°, 87%, 34%
XYZ	4.2366, 2.3402, 1.2057
YIQ	35.4340, 40.4810, 20.7770

Conversions

Conversions Part 2

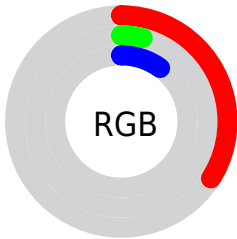
Format	Color
R_{YB}	87, 11, 26
Decimal	5704474
CIE _{Lab}	17.18, 34.27, 12.63
CIE _{LCh}	17, 36.518, 20.231
Yxy	2.3402, 0.5444, 0.3007
Android (android.graphics.Color)	4283894554 (0xFF570B1A)
YUV	35.4340, -4.6510, 45.2234
Hunter-Lab	15.2976, 22.6641, 6.0354

Details

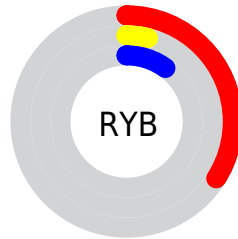
The Hex color **570B1A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B5748**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **8E3E45**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **570213**, and if you desaturate by 10%, it is **571421**.

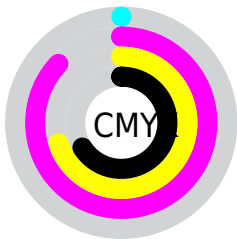
Distribution



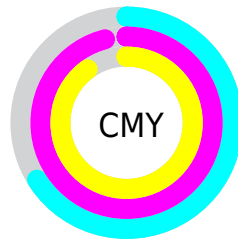
- Red (34%)
- Green (4%)
- Blue (10%)



- Red (34%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (87%)
- Yellow (70%)
- Black (66%)



- Cyan (66%)
- Magenta (96%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570B1A 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 570B1A by changing the saturation by 10% instead.

 570B1A

 570B1A

 FFFBFD

 3D0000

 8E3E45

 240001

 AA575C

 000000

 C77175

 E48B8E

 FFA6A9

 FFC1C4

 FFDEE0

 570B1A

 570B1A

■ 570213

■ 571421

■ 570011

■ 571C28

■ 57252F

■ 572E36

■ 57373D

■ 573F44

■ 57484B

■ 575152

■ 575959

Harmonies

Analogous

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



540A34



570B1A



4E1900

Triad

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



570B1A



003302



00305E

Complementary

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



570B1A



0B5748

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.



003452



570B1A



003521

Square

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



570B1A



252E00



00363C



10275C

Rectangle

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



570B1A



432200



00363C



00325C

Sweetspot

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



570B1A



705359



480B57



38272A



B8B8B8



383838

Same Dimension

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



570B1A



700016



57220B



2B2728



6B0015



EB002E

Inverse Universe

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



570B1A



700016



0B4057



2B2728



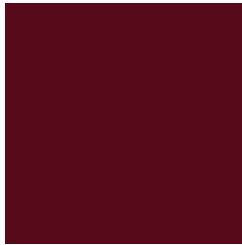
6B0015



EB002E

Previews

White Background



This preview shows how the Hex color 570B1A looks on a white background.

Color Contrast Check

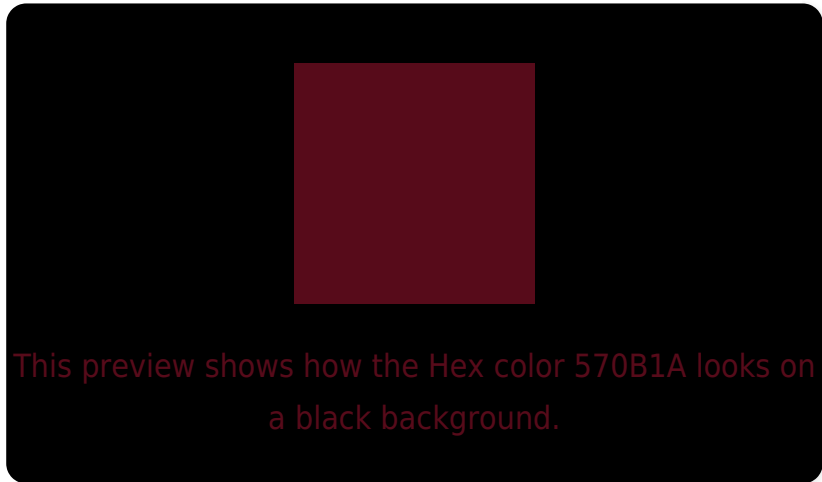
Large Text (above 18pt) WCAG AA ✓ Pass

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

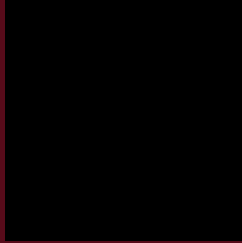
Any Text WCAG AA × Fail

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 570B1A Background



This preview shows how black text looks on a background with the Hex color 570B1A.



This preview shows how white text looks on a background with the Hex color 570B1A.

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
570B1A

Protanopia
2F2D26

Deuteranopia
372B16



Tritanopia
570E0E

Trichromacy



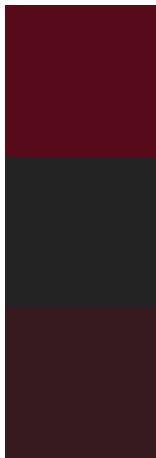
Original Color
570B1A

Protanomaly
3E2122

Deuteranomaly
431F17

Tritanomaly
570D12

Monochromacy



Original Color
570B1A

Achromatopsia
232323

Achromatomaly
361A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 570B1A 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 #570B1A looks like.

```
.text, #text, p{  
    color:#570B1A  
}
```

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 #570B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570B1A
}
```

Border

The CSS property to change the border of an element to Hex 570B1A 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".

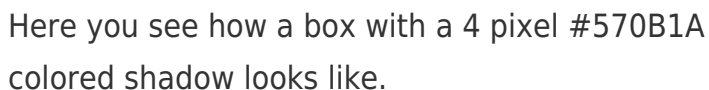
```
.border, #border, table{ border:4px solid
#570B1A }
```

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

```
.border{ border-color:#570B1A }
```

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

Here you see how a box with a 4 pixel #570B1A 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 #570B1A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570B1A; -webkit-box-shadow:4px 4px  
4px 4px #570B1A; box-shadow:4px 4px 4px  
4px #570B1A }
```

Background

The CSS property to change the background color of an element to Hex 570B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570B1A }
```

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

```
.background{ background-color:#570B1A }
```

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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