

Converting Colors

Hex(570A35)

Have a look what the booklet for
Hex(570A35) contains.

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Color

Hex(570A35)

Conversions

Conversions Part 1

Format	Color
Hex	570A35
RGB	87, 10, 53
RGB Percent	34%, 4%, 21%
CMY	0.6588, 0.9608, 0.7922
CMYK	0.00, 0.89, 0.39, 0.66
HSL	326°, 79%, 19%
HSV	326°, 89%, 34%
XYZ	4.6816, 2.5004, 3.6040
YIQ	37.9250, 32.0890, 29.6970

Conversions

Conversions Part 2

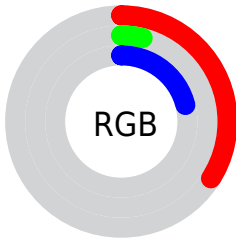
Format	Color
RYB	87, 10, 53
Decimal	5704245
CIELab	17.92, 37.08, -5.73
CIElCh	18, 37.516, 351.211
Yxy	2.5004, 0.4340, 0.2318
Android (android.graphics.Color)	4283894325 (0xFF570A35)
YUV	37.9250, 7.4320, 43.0388
Hunter-Lab	15.8125, 25.1767, -2.4447




Details

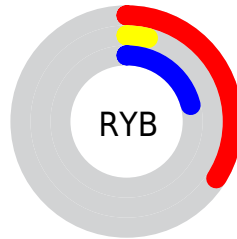
The Hex color **570A35** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0A572C**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **8C3F64**, and **280006** is the 20% darker color. If you saturate the color by 10%, you get **570131**, and if you desaturate by 10%, it is **571339**.

Distribution







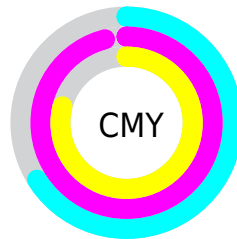
-  Red (34%)
-  Green (4%)
-  Blue (21%)






-  Red (34%)
-  Yellow (4%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (39%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (96%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570A35 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 570A35 by changing the saturation by 10% instead.

 570A35

 570A35

 FFFCFF

 3D0020

 8C3F64

 280006

 A8587C

 000000

 C47296

 E18CB1

 FEA7CC

 FFC3E9

 FFDFFF

 570A35

 570A35

■ 570131

■ 571339

■ 570031

■ 571B3D

■ 572441

■ 572D44

■ 573548

■ 573E4C

■ 574750

■ 575054

■ 575858

Harmonies

Analogous

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



441A4E



570A35



5A0C1A

Triad

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



570A35



263000



003656

Complementary

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



570A35



0A572C

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.



00383F



570A35



003503

Square

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



570A35



3E2800



003723



003262

Rectangle

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



570A35



551606



003723



00374F

Sweetspot

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



570A35



705263



2B0A57



382630



B8B8B8



383838

Same Dimension

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



570A35



70003F



570A0F



2B2729



6B003C



EB0083

Inverse Universe

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



570A35



70003F



0A5752



2B2729



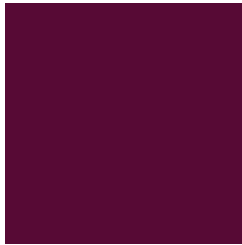
6B003C



EB0083

Previews

White Background



This preview shows how the Hex color 570A35 looks on a white background.

Color Contrast Check

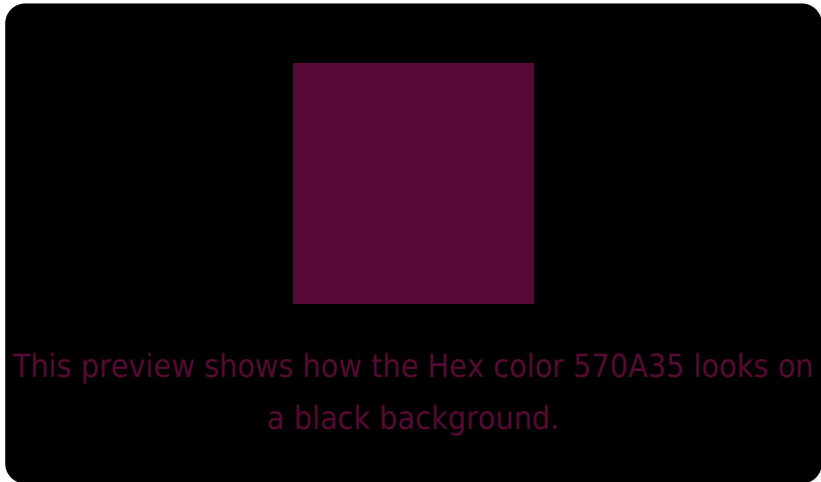
Large Text (above 18pt) WCAG AA ✓ Pass

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

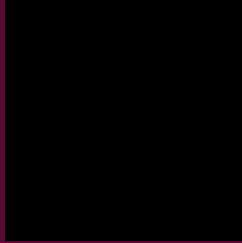
Any Text WCAG AA × Fail

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 570A35 Background



This preview shows how black text looks on a background with the Hex color 570A35.



This preview shows how white text looks on a background with the Hex color 570A35.

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
570A35

Protanopia
232E4B

Deuteranopia
322D31



Tritanopia
551617

Trichromacy



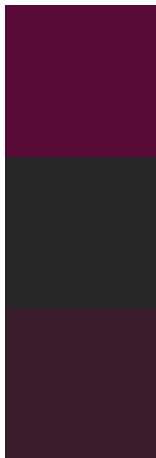
Original Color
570A35

Protanomaly
362143

Deuteranomaly
3F2032

Tritanomaly
561222

Monochromacy



Original Color
570A35

Achromatopsia
262626

Achromatomaly
381C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 570A35 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 #570A35 looks like.

```
.text, #text, p{  
    color:#570A35  
}
```

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 #570A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570A35
}
```

Border

The CSS property to change the border of an element to Hex 570A35 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".

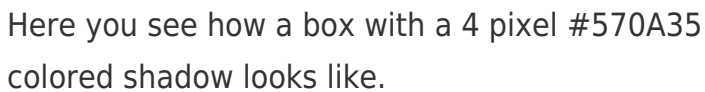
```
.border, #border, table{ border:4px solid
#570A35 }
```

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

```
.border{ border-color:#570A35 }
```

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

Here you see how a box with a 4 pixel #570A35 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 #570A35; -webkit-box-shadow:4px 4px  
4px 4px #570A35; box-shadow:4px 4px 4px  
4px #570A35 }
```

Background

The CSS property to change the background color of an element to Hex 570A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570A35 }
```

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

```
.background{ background-color:#570A35 }
```

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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