

# Converting Colors

Hex(570226)

Have a look what the booklet for  
Hex(570226) contains.

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**Color**

**Hex(570226)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	570226
RGB	87, 2, 38
RGB Percent	34%, 1%, 15%
CMY	0.6588, 0.9922, 0.8510
CMYK	0.00, 0.98, 0.56, 0.66
HSL	335°, 96%, 17%
HSV	335°, 98%, 34%
XYZ	4.3020, 2.2096, 2.0335
YIQ	31.5190, 39.1040, 29.2160

# Conversions

## Conversions Part 2

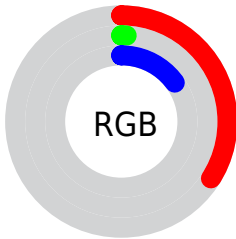
Format	Color
<a href="#">RYB</a>	<a href="#">87, 2, 38</a>
Decimal	<a href="#">5702182</a>
CIELab	<a href="#">16.55, 37.88, 3.06</a>
CIElCh	<a href="#">17, 38.007, 4.617</a>
Yxy	<a href="#">2.2096, 0.5035, 0.2586</a>
Android (android.graphics.Color)	<a href="#">4283892262 (0xFF570226)</a>
YUV	<a href="#">31.5190, 3.1951, 48.6568</a>
Hunter-Lab	<a href="#">14.8647, 25.6470, 2.2945</a>

# Details

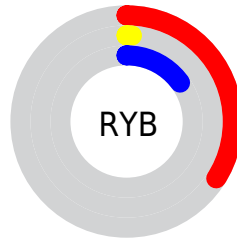
The Hex color **570226** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **025733**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **8D3A52**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **570025**, and if you desaturate by 10%, it is **570B2B**.

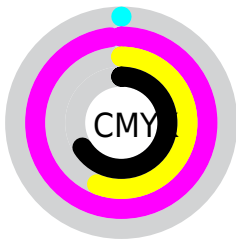
# Distribution



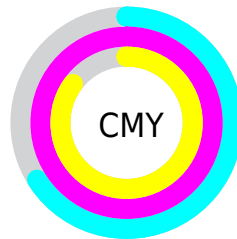
- Red (34%)
- Green (1%)
- Blue (15%)



- Red (34%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (98%)
- Yellow (56%)
- Black (66%)



- Cyan (66%)
- Magenta (99%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 570226 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 570226 by changing the saturation by 10% instead.



 570226

 570226

 FFF7FF

 3D0011

 8D3A52

 250001

 A9536B

 000000

 C66D84

 E3879E

 FFA2B9

 FFBDD4

 FFD AF1

 570226

 570226

■ 570025

■ 570B2B

■ 571330

■ 571C35

■ 57253A

■ 572E3F

■ 573644

■ 573F49

■ 57484E

■ 575053

# Harmonies

## Analogous

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



4C0E41



570226



540E09

# Triad

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



570226



153000



00325A

# Complementary

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



570226



025733

# 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.



003447



570226



003310

# Square

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



570226



302900



00342D



002B60

# Rectangle

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



570226



4C1900



00342D



003355



# Sweetspot

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



570226



70505D



320257



38242D



B8B8B8



383838



# Same Dimension

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



570226



700030



570802



2B2729



6B002D



EB0063



# Inverse Universe

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



570226



700030



025157



2B2729



6B002D

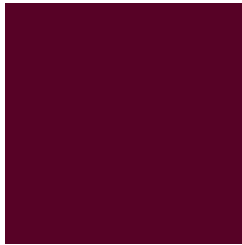


EB0063



# Previews

## White Background



This preview shows how the Hex color 570226 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

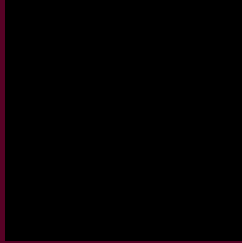
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 570226 Background



This preview shows how black text looks on a background with the Hex color 570226.



This preview shows how white text looks on a background with the Hex color 570226.

# 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**  
570226

**Protanopia**  
2A2C37

**Deuteranopia**  
352B22



**Tritanopia**  
560F0F

# Trichromacy



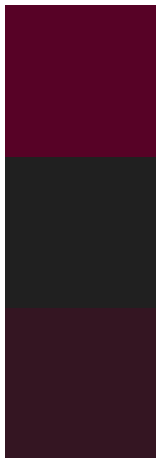
**Original Color**  
570226

**Protanomaly**  
3A1D31

**Deuteranomaly**  
411C23

**Tritanomaly**  
560A17

# Monochromacy



**Original Color**  
570226

**Achromatopsia**  
202020

**Achromatomaly**  
341522

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 570226 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 #570226 looks like.

```
.text, #text, p{  
    color:#570226  
}
```

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 #570226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570226
}
```

## Border

The CSS property to change the border of an element to Hex 570226 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".

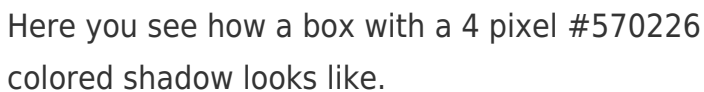
```
.border, #border, table{ border:4px solid
#570226 }
```

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

```
.border{ border-color:#570226 }
```

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

Here you see how a box with a 4 pixel #570226 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 #570226 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570226; -webkit-box-shadow:4px 4px  
4px 4px #570226; box-shadow:4px 4px 4px  
4px #570226 }
```

# Background

The CSS property to change the background color of an element to Hex 570226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570226 }
```

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

```
.background{ background-color:#570226 }
```

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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