

# Converting Colors

Hex(510B22)

Have a look what the booklet for  
Hex(510B22) contains.

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**Color**

**Hex(510B22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	510B22
RGB	81, 11, 34
RGB Percent	32%, 4%, 13%
CMY	0.6824, 0.9569, 0.8667
CMYK	0.00, 0.86, 0.58, 0.68
HSL	340°, 76%, 18%
HSV	340°, 86%, 32%
XYZ	3.8017, 2.1042, 1.7191
YIQ	34.5520, 34.3370, 21.9930

# Conversions

## Conversions Part 2

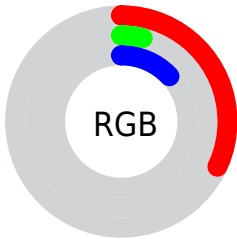
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 11, 34
Decimal	5311266
CIELab	16.02, 32.96, 5.04
CIELCh	16, 33.341, 8.696
Yxy	2.1042, 0.4986, 0.2760
Android (android.graphics.Color)	4283501346 (0xFF510B22)
YUV	34.5520, -0.2721, 40.7349
Hunter-Lab	14.5057, 21.3972, 3.1273

# Details

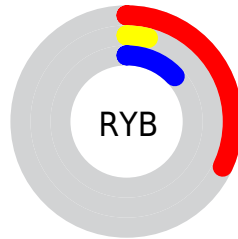
The Hex color **510B22** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B513A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **863D4E**, and **1D0001** is the 20% darker color. If you saturate the color by 10%, you get **51031D**, and if you desaturate by 10%, it is **511327**.

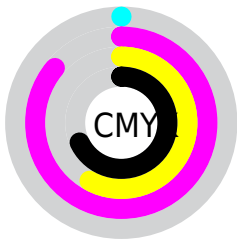
# Distribution



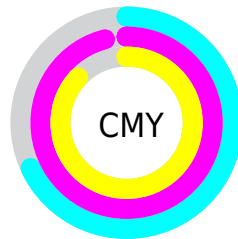
- Red (32%)
- Green (4%)
- Blue (13%)



- Red (32%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (58%)
- Black (68%)




- Cyan (68%)
- Magenta (96%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 510B22 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 510B22 by changing the saturation by 10% instead.



 510B22

 510B22

 FFF9FF

 38000B

 863D4E

 1D0001

 A25666

 000000

 BE6F7F

 DB8999

 F8A4B3

 FFC0CF

 FFDCEB

 510B22

 510B22

■ 51031D

■ 511327

■ 51001B

■ 511B2D

■ 512332

■ 512B38

■ 51343D

■ 513C43

■ 514448

■ 514C4E

■ 515453

# Harmonies

## Analogous

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



49113A



510B22



4D1409

# Triad

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



510B22



142E00



002F54

# Complementary

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



510B22



0B513A

# 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.



003245



510B22



003115

# Square

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



510B22



2C2900



00322E



002957

# Rectangle

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



510B22



451C00



00322E



003050



# Sweetspot

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



510B22



694D56



3A0B51



36252A



B5B5B5



363636



# Same Dimension

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



510B22



690022



51170B



292526



E8004C

# Inverse Universe

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



510B22



690022



0B4551



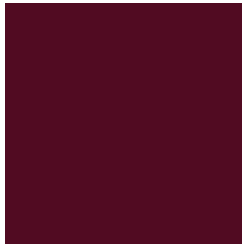
292526



E8004C

# Previews

## White Background



This preview shows how the Hex color 510B22 looks on a white background.

## Color Contrast Check

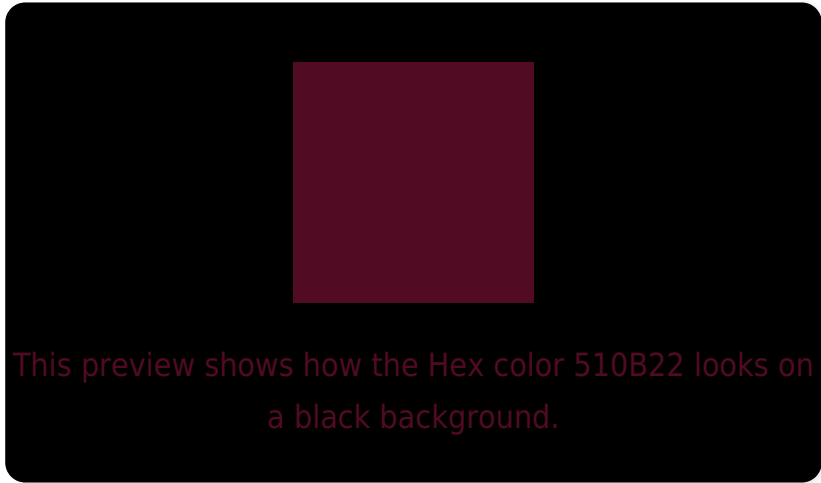
Large Text (above 18pt) WCAG AA ✓ Pass

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 510B22 Background



This preview shows how black text looks on a background with the Hex color 510B22.



This preview shows how white text looks on a background with the Hex color 510B22.

# 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**  
510B22

**Protanopia**  
292A30

**Deuteranopia**  
32291F





**Tritanopia**  
501011

# Trichromacy



**Original Color**  
510B22

**Protanomaly**  
381F2B

**Deuteranomaly**  
3D1E20

**Tritanomaly**  
500E17

# Monochromacy



**Original Color**  
510B22

**Achromatopsia**  
232323

**Achromatomaly**  
341A23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 510B22 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 #510B22 looks like.

```
.text, #text, p{  
    color:#510B22  
}
```

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 #510B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510B22
}
```

## Border

The CSS property to change the border of an element to Hex 510B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

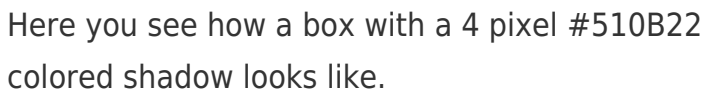
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510B22 }
```

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

```
.border{ border-color:#510B22 }
```

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



Here you see how a box with a 4 pixel #510B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510B22; -webkit-box-shadow:4px 4px  
4px 4px #510B22; box-shadow:4px 4px 4px  
4px #510B22 }
```

# Background

The CSS property to change the background color of an element to Hex 510B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510B22 }
```

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

```
.background{ background-color:#510B22 }
```

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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