

# Converting Colors

Hex(510D15)

Have a look what the booklet for  
Hex(510D15) contains.

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**Color**

**Hex(510D15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	510D15
RGB	81, 13, 21
RGB Percent	32%, 5%, 8%
CMY	0.6824, 0.9490, 0.9176
CMYK	0.00, 0.84, 0.74, 0.68
HSL	353°, 72%, 18%
HSV	353°, 84%, 32%
XYZ	3.6726, 2.0913, 0.9196
YIQ	34.2440, 37.9600, 16.9040

# Conversions

## Conversions Part 2

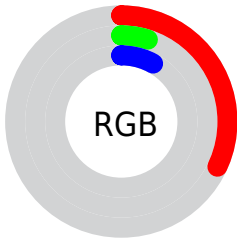
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 13, 21
Decimal	5311765
CIELab	15.96, 31.28, 14.36
CIELCh	16, 34.421, 24.663
Yxy	2.0913, 0.5495, 0.3129
Android (android.graphics.Color)	4283501845 (0xFF510D15)
YUV	34.2440, -6.5293, 41.0050
Hunter-Lab	14.4614, 20.0244, 6.3529

# Details

The Hex color **510D15** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0D5149**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **873E3F**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **51050E**, and if you desaturate by 10%, it is **51151C**.

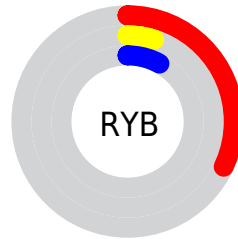
# Distribution



Red (32%)

Green (5%)

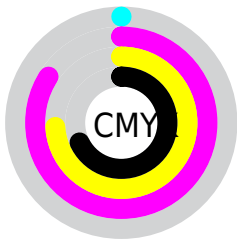
Blue (8%)



Red (32%)

Yellow (5%)

Blue (8%)

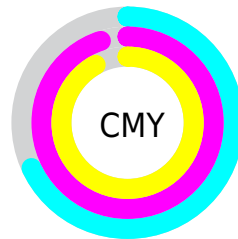


Cyan (0%)

Magenta (84%)

Yellow (74%)

Black (68%)



Cyan (68%)

Magenta (95%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 510D15 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 510D15 by changing the saturation by 10% instead.



 510D15

 510D15

 FFF9F6

 380000

 873E3F

 1B0001

 A35756

 000000

 C0706F

 DD8A88

 FAA5A2

 FFC0BD

 FFD9D9

 510D15

 510D15

■ 51050E

■ 51151C

■ 51000A

■ 511D23

■ 51252A

■ 512D32

■ 513639

■ 513E40

■ 514647

■ 514E4E

■ 515655

# Harmonies

## Analogous

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



50092D



510D15



481A00

# Triad

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



510D15



003006



002C59

# Complementary

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



510D15



0D5149

# 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.



003150



510D15



003222

# Square

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



510D15



202C00



00323C



1B2355

# Rectangle

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



510D15



3C2200



00323C



002E57



# Sweetspot

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



510D15



694E51



480D51



362527



B5B5B5



363636



# Same Dimension

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



510D15



69000C



51260D



292525



E8001B

# Inverse Universe

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



510D15



6900C



0D3851



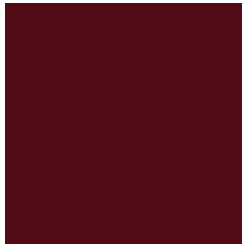
292525



E8001B

# Previews

## White Background



This preview shows how the Hex color 510D15 looks on a white background.

## Color Contrast Check

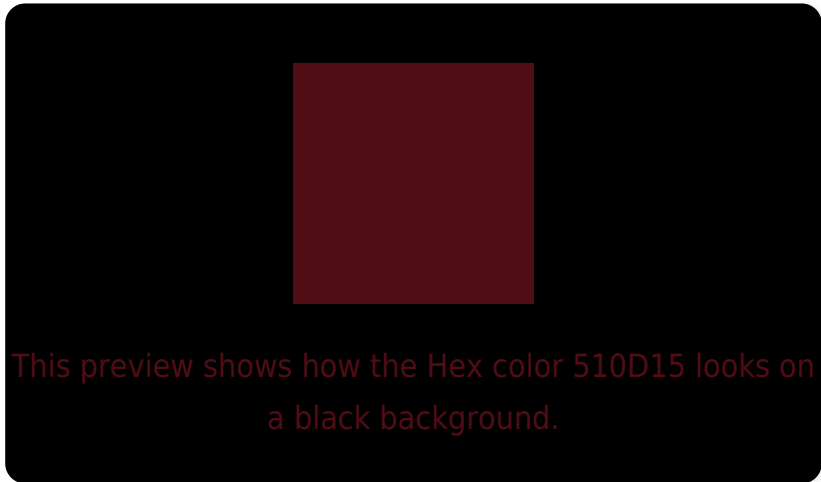
Large Text (above 18pt) WCAG AA ✓ Pass

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

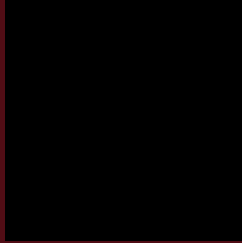
Any Text WCAG AA × Fail

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 510D15 Background



This preview shows how black text looks on a background with the Hex color 510D15.



This preview shows how white text looks on a background with the Hex color 510D15.

# 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**  
510D15

**Protanopia**  
2D2A1E

**Deuteranopia**  
342811





**Tritanopia**  
510E0E

# Trichromacy



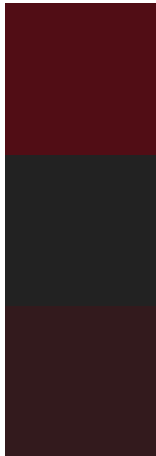
**Original Color**  
510D15

**Protanomaly**  
3A1F1B

**Deuteranomaly**  
3F1E12

**Tritanomaly**  
510E11

# Monochromacy



**Original Color**  
510D15

**Achromatopsia**  
222222

**Achromatomaly**  
331A1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 510D15 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 #510D15 looks like.

```
.text, #text, p{  
    color:#510D15  
}
```

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 #510D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510D15
}
```

## Border

The CSS property to change the border of an element to Hex 510D15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

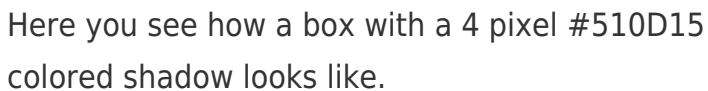
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510D15 }
```

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

```
.border{ border-color:#510D15 }
```

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



Here you see how a box with a 4 pixel #510D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510D15; -webkit-box-shadow:4px 4px  
4px 4px #510D15; box-shadow:4px 4px 4px  
4px #510D15 }
```

# Background

The CSS property to change the background color of an element to Hex 510D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510D15 }
```

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

```
.background{ background-color:#510D15 }
```

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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