

Converting Colors

Hex(501010)

Have a look what the booklet for
Hex(501010) contains.

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Color

Hex(501010)

Conversions

Conversions Part 1

Format	Color
Hex	501010
RGB	80, 16, 16
RGB Percent	31%, 6%, 6%
CMY	0.6863, 0.9373, 0.9373
CMYK	0.00, 0.80, 0.80, 0.69
HSL	0°, 67%, 19%
HSV	0°, 80%, 31%
XYZ	3.5871, 2.1135, 0.7091
YIQ	35.1360, 38.1440, 13.5680

Conversions

Conversions Part 2

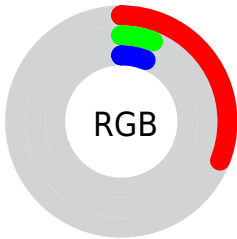
Format	Color
RYB	80, 16, 16
Decimal	5246992
CIELab	16.07, 29.47, 17.57
CIELCh	16, 34.312, 30.796
Yxy	2.1135, 0.5596, 0.3297
Android (android.graphics.Color)	4283437072 (0xFF501010)
YUV	35.1360, -9.4340, 39.3457
Hunter-Lab	14.5378, 18.6024, 7.2845

Details

The Hex color **501010** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **105050**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **86403A**, and **190001** is the 20% darker color. If you saturate the color by 10%, you get **500808**, and if you desaturate by 10%, it is **501818**.

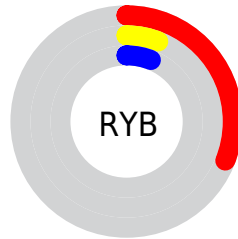
Distribution



Red (31%)

Green (6%)

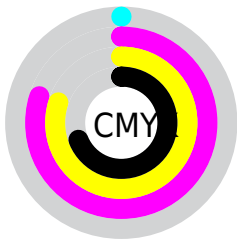
Blue (6%)



Red (31%)

Yellow (6%)

Blue (6%)

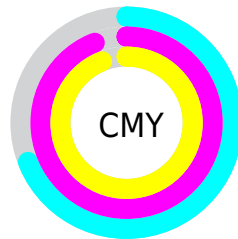


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (69%)



Cyan (69%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501010 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 501010 by changing the saturation by 10% instead.

 501010

 501010

 FFFBF0

 360000

 86403A

 190001

 A25851

 000000

 BF7269

 DC8C83

 F9A69D

 FFC2B8

 FFDED3

 501010

 501010

■ 500808

■ 501818

■ 500000

■ 502020

■ 502828

■ 503030

■ 503838

■ 504040

■ 504848

■ 505050

■ 505858

Harmonies

Analogous

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



510928



501010



451D00

Triad

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



501010



00310E



002B59

Complementary

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



501010



105050

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.



003053



501010



003228

Square

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



501010



1B2D00



003240



262152

Rectangle

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



501010



392400



003240



002D58

Sweetspot

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



501010



694F4F



501050



362626



B5B5B5



363636

Same Dimension

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



501010



690404



503010



292525



690000



E80000

Inverse Universe

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



105050



046969



103050



252929



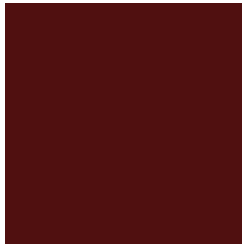
006969



00E8E8

Previews

White Background



This preview shows how the Hex color 501010 looks on a white background.

Color Contrast Check

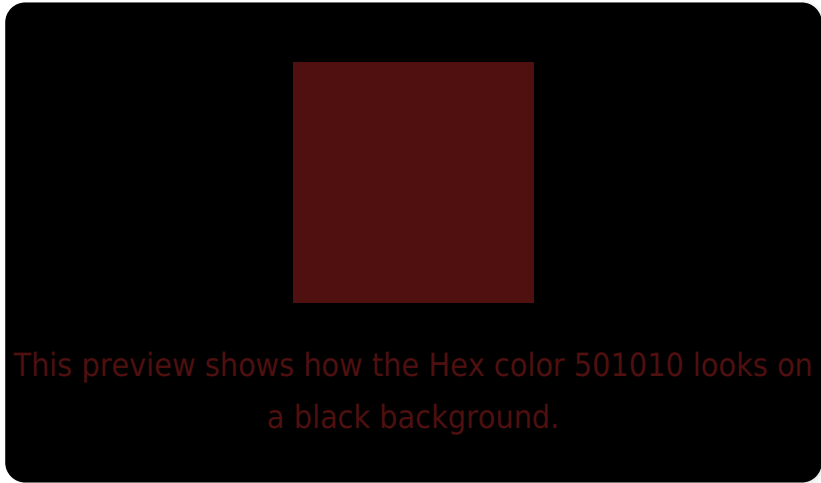
Large Text (above 18pt) WCAG AA ✓ Pass

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 501010 Background



This preview shows how black text looks on a background with the Hex color 501010.

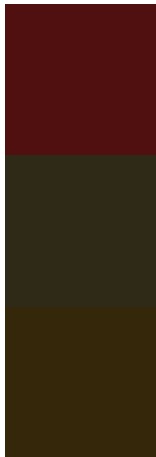


This preview shows how white text looks on a background with the Hex color 501010.

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
501010

Protanopia
2E2A17

Deuteranopia
35280A



Tritanopia
501010

Trichromacy



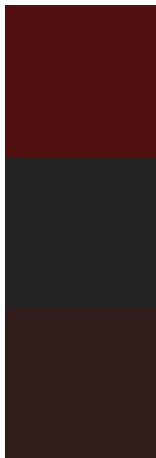
Original Color
501010

Protanomaly
3A2114

Deuteranomaly
3F1F0C

Tritanomaly
501010

Monochromacy



Original Color
501010

Achromatopsia
232323

Achromatomaly
331C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 501010 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 #501010 looks like.

```
.text, #text, p{  
    color:#501010  
}
```

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 #501010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501010  
}
```

Border

The CSS property to change the border of an element to Hex 501010 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".

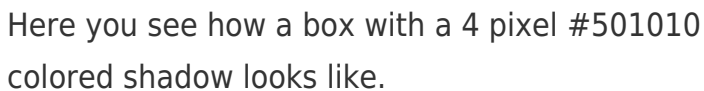
```
.border, #border, table{ border:4px solid  
#501010 }
```

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

```
.border{ border-color:#501010 }
```

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

Here you see how a box with a 4 pixel #501010 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 #501010 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501010; -webkit-box-shadow:4px 4px  
4px 4px #501010; box-shadow:4px 4px 4px  
4px #501010 }
```

Background

The CSS property to change the background color of an element to Hex 501010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501010 }
```

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

```
.background{ background-color:#501010 }
```

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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