

Converting Colors

Hex(512315)

Have a look what the booklet for
Hex(512315) contains.

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Color

Hex(512315)

Conversions

Conversions Part 1

Format	Color
Hex	512315
RGB	81, 35, 21
RGB Percent	32%, 14%, 8%
CMY	0.6824, 0.8627, 0.9176
CMYK	0.00, 0.57, 0.74, 0.68
HSL	14°, 59%, 20%
HSV	14°, 74%, 32%
XYZ	4.1297, 3.0055, 1.0719
YIQ	47.1580, 31.9100, 5.3980

Conversions

Conversions Part 2

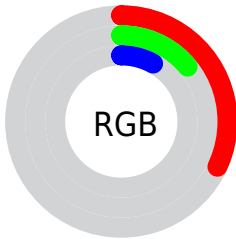
Format	Color
RYB	81, 39, 21
Decimal	5317397
CIELab	20.07, 20.32, 19.32
CIELCh	20, 28.038, 43.551
Yxy	3.0055, 0.5032, 0.3662
Android (android.graphics.Color)	4283507477 (0xFF512315)
YUV	47.1580, -12.8959, 29.6794
Hunter-Lab	17.3365, 12.1817, 8.4696

Details

The Hex color **512315** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **154351**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **865140**, and **220001** is the 20% darker color. If you saturate the color by 10%, you get **511D0D**, and if you desaturate by 10%, it is **51291D**.

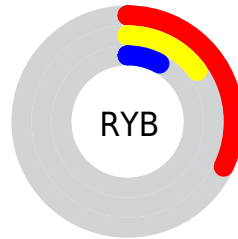
Distribution



Red (32%)

Green (14%)

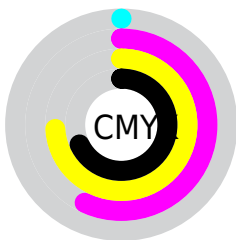
Blue (8%)



Red (32%)

Yellow (15%)

Blue (8%)

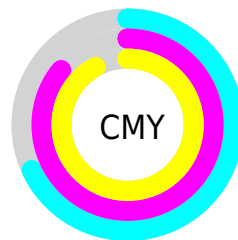


Cyan (0%)

Magenta (57%)

Yellow (74%)

Black (68%)



Cyan (68%)


Magenta (86%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512315 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 512315 by changing the saturation by 10% instead.

 512315

 512315

 FFFFF7

 380D00

 865140

 220001

 A16957

 000000


 BD8370


 DA9D89

 F7B8A4

 FFD4BF

 FFF0DB

 512315

 512315

■ 511D0D

■ 51291D

■ 511705

■ 512F25

■ 511300

■ 51362D

■ 513C35

■ 51423E

■ 514846

■ 514E4E

■ 515556

■ 515B5E

Harmonies

Analogous

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



561D28



512315



442B05

Triad

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



512315



003A24



1A3058

Complementary

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



512315



154351

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.



003658



512315



003A39

Square

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



512315



1B3711



00394C



3D274E

Rectangle

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



512315



393001



00394C



003259

Sweetspot

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



512315



695752



511543



362B28



B5B5B5



363636

Same Dimension

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



512315



69210C



514115



292625



691800



E83600

Inverse Universe

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



154351



0C5369



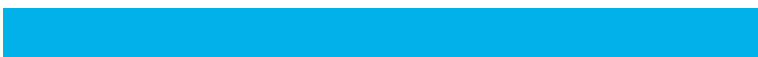
152551



252829



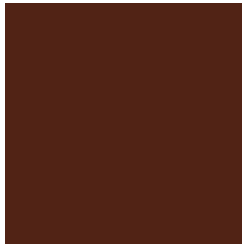
005069



00B2E8

Previews

White Background



This preview shows how the Hex color 512315 looks on a white background.

Color Contrast Check

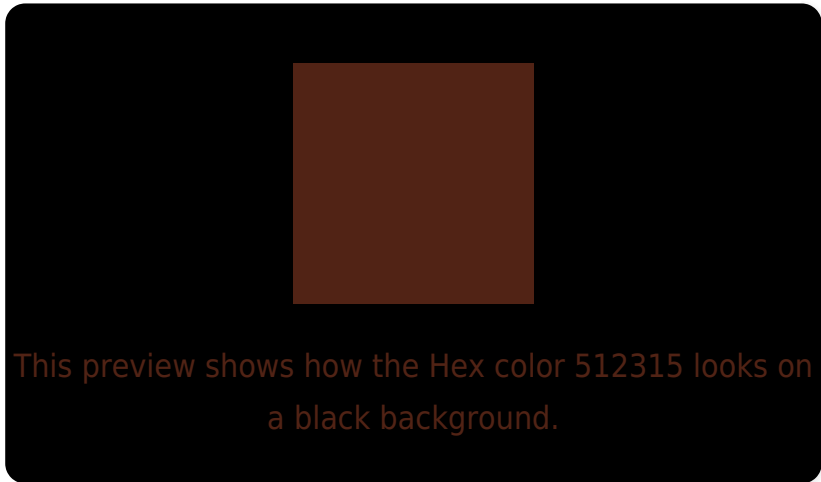
Large Text (above 18pt) WCAG AA ✓ Pass

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

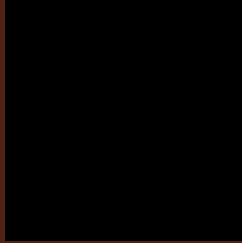
Any Text WCAG AA × Fail

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 512315 Background



This preview shows how black text looks on a background with the Hex color 512315.

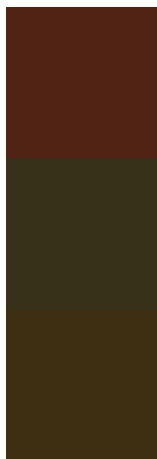


This preview shows how white text looks on a background with the Hex color 512315.

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
512315

Protanopia
373119

Deuteranopia
3E2F12

Trichromacy



Original Color

512315

Protanomaly

402C18

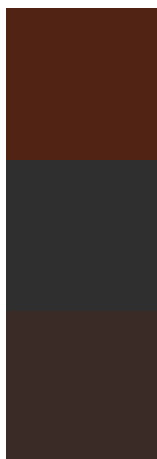
Deuteranomaly

452B13

Tritanomaly

52221E

Monochromacy



Original Color

512315

Achromatopsia

2F2F2F

Achromatomaly

3B2B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 512315 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 #512315 looks like.

```
.text, #text, p{  
    color:#512315  
}
```

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 #512315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512315
}
```

Border

The CSS property to change the border of an element to Hex 512315 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".

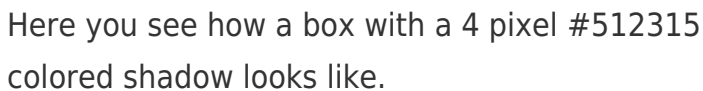
```
.border, #border, table{ border:4px solid
#512315 }
```

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

```
.border{ border-color:#512315 }
```

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

Here you see how a box with a 4 pixel #512315 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512315; -webkit-box-shadow:4px 4px  
4px 4px #512315; box-shadow:4px 4px 4px  
4px #512315 }
```

Background

The CSS property to change the background color of an element to Hex 512315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512315 }
```

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

```
.background{ background-color:#512315 }
```

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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