

Converting Colors

Hex(522317)

Have a look what the booklet for
Hex(522317) contains.

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Color

Hex(522317)

Conversions

Conversions Part 1

Format	Color
Hex	522317
RGB	82, 35, 23
RGB Percent	32%, 14%, 9%
CMY	0.6784, 0.8627, 0.9098
CMYK	0.00, 0.57, 0.72, 0.68
HSL	12°, 56%, 21%
HSV	12°, 72%, 32%
XYZ	4.2354, 3.0578, 1.1776
YIQ	47.6850, 31.8640, 6.2320

Conversions

Conversions Part 2

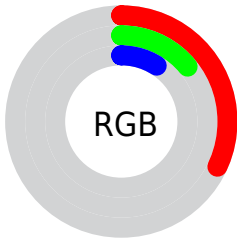
Format	Color
R_YB	82, 38, 23
Decimal	5382935
CIE Lab	20.27, 20.91, 18.31
CIE LCh	20, 27.796, 41.208
Yxy	3.0578, 0.5000, 0.3610
Android (android.graphics.Color)	4283573015 (0xFF522317)
YUV	47.6850, -12.1697, 30.0943
Hunter-Lab	17.4865, 12.6328, 8.2478

Details

The Hex color **522317** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **174652**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **875142**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **521C0F**, and if you desaturate by 10%, it is **522A1F**.

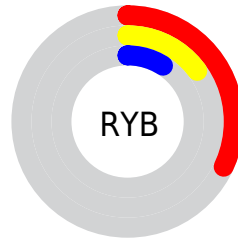
Distribution



Red (32%)

Green (14%)

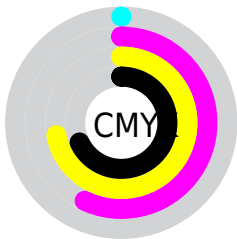
Blue (9%)



Red (32%)

Yellow (15%)

Blue (9%)

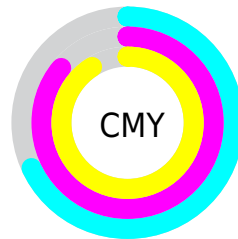


Cyan (0%)

Magenta (57%)

Yellow (72%)

Black (68%)



Cyan (68%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 522317 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 522317 by changing the saturation by 10% instead.

 522317

 522317

 FFFFFA

 3A0D00

 875142

 230001

 A2695A

 000000

 BF8372

 DB9D8C

 F9B8A6

 FFD4C1

 FFF0DD

 522317

 522317

■ 521C0F

■ 522A1F

■ 521607

■ 523027

■ 521100

■ 523730

■ 523D38

■ 524440

■ 524A48

■ 525150

■ 525759

■ 525E61

Harmonies

Analogous

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



561E2A



522317



462B07

Triad

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



522317



003A23



163159

Complementary

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



522317



174652

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.



003757



522317



003B38

Square

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



522317



1E3710



003A4B



3C2850

Rectangle

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



522317



3B3002



003A4B



00335A

Sweetspot

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



522317



6B5854



521746



362A28



B5B5B5



363636

Same Dimension

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



522317



6B220F



524017



292625



691500



E82F00

Inverse Universe

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



174652



0F586B



172952



252829



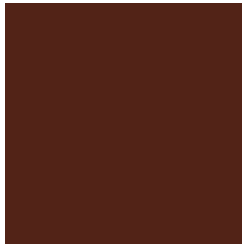
005369



00B9E8

Previews

White Background



This preview shows how the Hex color 522317 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

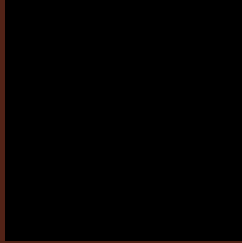
Any Text WCAG AA × Fail

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 522317 Background



This preview shows how black text looks on a background with the Hex color 522317.

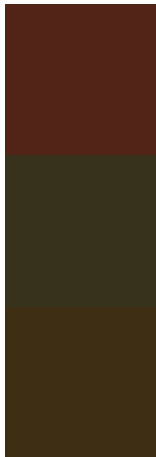


This preview shows how white text looks on a background with the Hex color 522317.

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
522317

Protanopia
37321C

Deuteranopia
3E2F14



Tritanopia
532124

Trichromacy



Original Color

522317

Protanomaly

412D1A

Deuteranomaly

452B15

Tritanomaly

53221F

Monochromacy



Original Color

522317

Achromatopsia

303030

Achromatomaly

3C2B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 522317 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 #522317 looks like.

```
.text, #text, p{  
    color:#522317  
}
```

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 #522317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522317
}
```

Border

The CSS property to change the border of an element to Hex 522317 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".

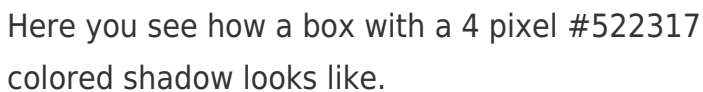
```
.border, #border, table{ border:4px solid
#522317 }
```

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

```
.border{ border-color:#522317 }
```

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

Here you see how a box with a 4 pixel #522317 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522317; -webkit-box-shadow:4px 4px  
4px 4px #522317; box-shadow:4px 4px 4px  
4px #522317 }
```

Background

The CSS property to change the background color of an element to Hex 522317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522317 }
```

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

```
.background{ background-color:#522317 }
```

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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