

Converting Colors

Hex(522116)

Have a look what the booklet for
Hex(522116) contains.

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Color

Hex(522116)

Conversions

Conversions Part 1

Format	Color
Hex	522116
RGB	82, 33, 22
RGB Percent	32%, 13%, 9%
CMY	0.6784, 0.8706, 0.9137
CMYK	0.00, 0.60, 0.73, 0.68
HSL	11°, 58%, 20%
HSV	11°, 73%, 32%
XYZ	4.1684, 2.9395, 1.1067
YIQ	46.3970, 32.7350, 6.9670

Conversions

Conversions Part 2

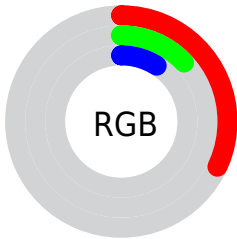
Format	Color
RYB	82, 35, 22
Decimal	5382422
CIELab	19.80, 22.01, 18.40
CIELCh	20, 28.692, 39.890
Yxy	2.9395, 0.5074, 0.3578
Android (android.graphics.Color)	4283572502 (0xFF522116)
YUV	46.3970, -12.0277, 31.2238
Hunter-Lab	17.1449, 13.3942, 8.1742

Details

The Hex color **522116** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **164752**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **874F41**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **521A0E**, and if you desaturate by 10%, it is **52281E**.

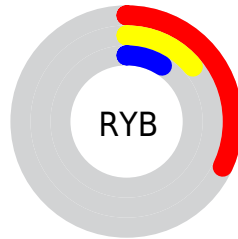
Distribution



Red (32%)

Green (13%)

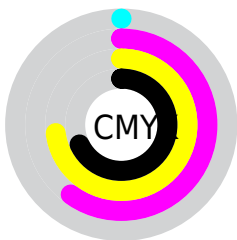
Blue (9%)



Red (32%)

Yellow (14%)

Blue (9%)

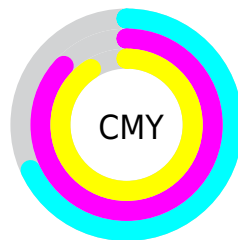


Cyan (0%)

Magenta (60%)

Yellow (73%)

Black (68%)



Cyan (68%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 522116 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 522116 by changing the saturation by 10% instead.

 522116

 522116

 FFFFF8

 390B00

 874F41

 230001

 A36758

 000000

 BF8171

 DC9B8A

 F9B6A5

 FFD2C0

 FFEEDC

 522116

 522116

■ 521A0E

■ 52281E

■ 521406

■ 522E26

■ 520F00

■ 52352F

■ 523C37

■ 52423F

■ 524947

■ 52504F

■ 525758

■ 525D60

Harmonies

Analogous

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



561C2A



522116



462A04

Triad

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



522116



003921



0F3059

Complementary

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



522116



164752

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.



003657



522116



003A36

Square

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



522116



1D360D



00394A



3A2750

Rectangle

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



522116



3B2F00



00394A



00325A

Sweetspot

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



522116



6B5854



521647



362A28



B5B5B5



363636

Same Dimension

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



522116



6B1E0D



523F16



292525



691300



E82B00

Inverse Universe

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



164752



0D5A6B



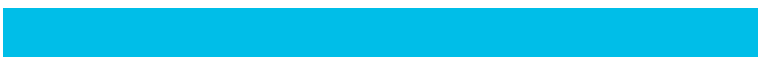
162952



252829



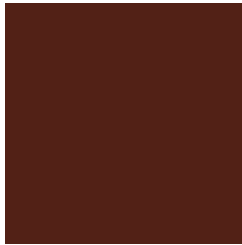
005569



00BEE8

Previews

White Background



This preview shows how the Hex color 522116 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 522116 Background



This preview shows how black text looks on a background with the Hex color 522116.

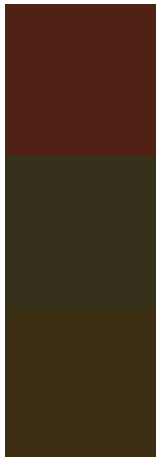


This preview shows how white text looks on a background with the Hex color 522116.

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

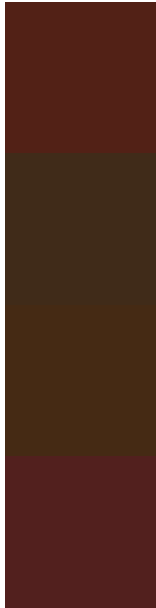


Original Color
522116

Protanopia
36311B

Deuteranopia
3D2F13

Trichromacy



Original Color
522116

Protanomaly
402B19

Deuteranomaly
452A14

Tritanomaly
52201E

Monochromacy



Original Color
522116

Achromatopsia
2E2E2E

Achromatomaly
3B2925

CSS Examples

Text

The CSS property to change the color of the text to Hex 522116 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 #522116 looks like.

```
.text, #text, p{  
    color:#522116  
}
```

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 #522116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522116
}
```

Border

The CSS property to change the border of an element to Hex 522116 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".

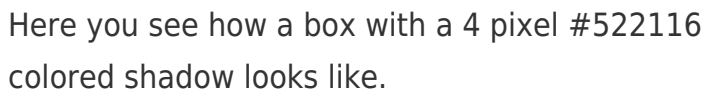
```
.border, #border, table{ border:4px solid
#522116 }
```

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

```
.border{ border-color:#522116 }
```

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

Here you see how a box with a 4 pixel #522116 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522116; -webkit-box-shadow:4px 4px  
4px 4px #522116; box-shadow:4px 4px 4px  
4px #522116 }
```

Background

The CSS property to change the background color of an element to Hex 522116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522116 }
```

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

```
.background{ background-color:#522116 }
```

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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