

Converting Colors

Hex(512C13)

Have a look what the booklet for
Hex(512C13) contains.

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Color

Hex(512C13)

Conversions

Conversions Part 1

Format	Color
Hex	512C13
RGB	81, 44, 19
RGB Percent	32%, 17%, 7%
CMY	0.6824, 0.8275, 0.9255
CMYK	0.00, 0.46, 0.77, 0.68
HSL	24°, 62%, 20%
HSV	24°, 77%, 32%
XYZ	4.4116, 3.5977, 1.0780
YIQ	52.2130, 30.0770, 0.0690

Conversions

Conversions Part 2

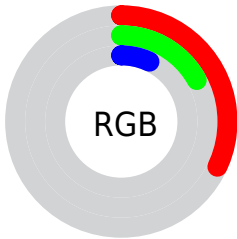
Format	Color
RYB	81, 61, 19
Decimal	5319699
CIELab	22.29, 14.63, 23.08
CIELCh	22, 27.324, 57.633
Yxy	3.5977, 0.4855, 0.3959
Android (android.graphics.Color)	4283509779 (0xFF512C13)
YUV	52.2130, -16.3740, 25.2462
Hunter-Lab	18.9676, 8.3228, 9.9077

Details

The Hex color **512C13** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **133851**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **865A3E**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **51270B**, and if you desaturate by 10%, it is **51311B**.

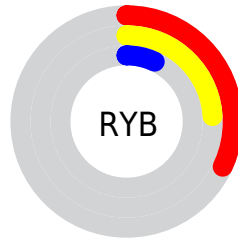
Distribution



 Red (32%)

 Green (17%)

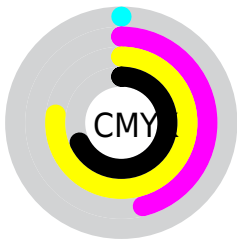
 Blue (7%)



 Red (32%)

 Yellow (24%)

 Blue (7%)

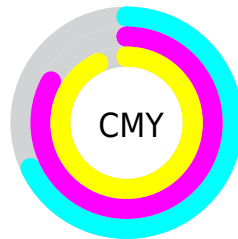


 Cyan (0%)

 Magenta (46%)

 Yellow (77%)

 Black (68%)



 Cyan (68%)


 Magenta (83%)


 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512C13 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 512C13 by changing the saturation by 10% instead.

 512C13

 512C13

 FFFFF6

 391700

 865A3E

 210000

 A17356

 000000


 BD8C6E


 D9A788

 F7C2A2

 FFDEBD

 FFFAD9

 512C13

 512C13

■ 51270B

■ 51311B

■ 512203

■ 513623

■ 512100

■ 513B2B

■ 513F33

■ 51443C

■ 514944

■ 514E4C

■ 515354

■ 51585C

Harmonies

Analogous

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



5A2524



512C13



423409

Triad

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



512C13



003F33



333159

Complementary

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



512C13



133851

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.



00385E



512C13



003F48

Square

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



512C13



123D1F



003D57



4C284B

Rectangle

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



512C13



35380B



003D57



27335C

Sweetspot

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



512C13



695A51



511338



362D27



B5B5B5



363636

Same Dimension

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



512C13



692F08



514B13



292625



692A00



E85E00

Inverse Universe

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



133851



084269



131951



252729



003E69



008AE8

Previews

White Background



This preview shows how the Hex color 512C13 looks on a white background.

Color Contrast Check

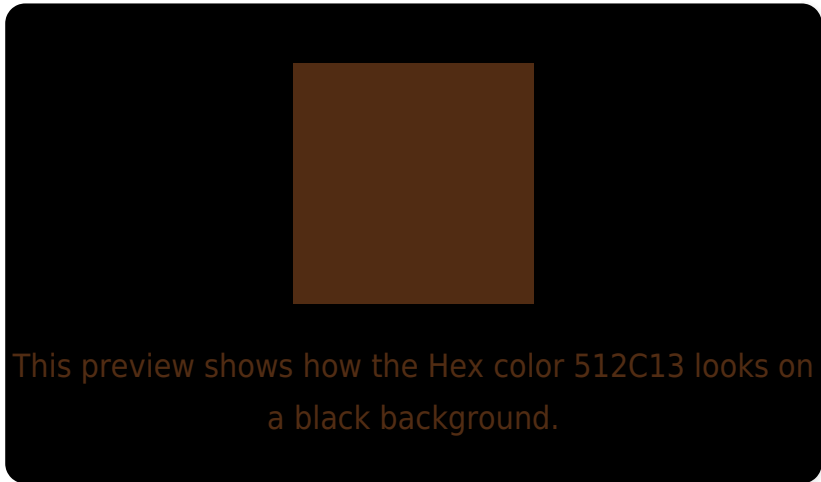
Large Text (above 18pt) WCAG AA ✓ Pass

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

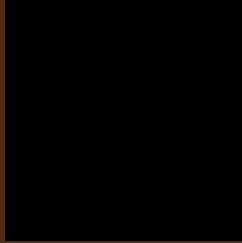
Any Text WCAG AA × Fail

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 512C13 Background



This preview shows how black text looks on a background with the Hex color 512C13.



This preview shows how white text looks on a background with the Hex color 512C13.

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
512C13

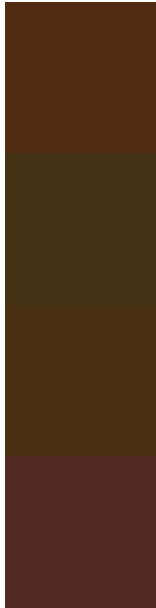
Protanopia
3C3616

Deuteranopia
443311



Tritanopia
52292C

Trichromacy



Original Color
512C13

Protanomaly
443215

Deuteranomaly
493012

Tritanomaly
522A23

Monochromacy



Original Color
512C13

Achromatopsia
343434

Achromatomaly
3F3128

CSS Examples

Text

The CSS property to change the color of the text to Hex 512C13 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 #512C13 looks like.

```
.text, #text, p{  
    color:#512C13  
}
```

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 #512C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512C13
}
```

Border

The CSS property to change the border of an element to Hex 512C13 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".

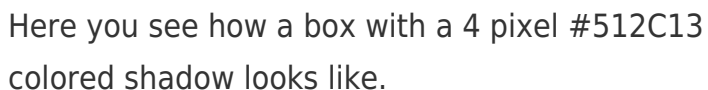
```
.border, #border, table{ border:4px solid
#512C13 }
```

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

```
.border{ border-color:#512C13 }
```

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

Here you see how a box with a 4 pixel #512C13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512C13; -webkit-box-shadow:4px 4px  
4px 4px #512C13; box-shadow:4px 4px 4px  
4px #512C13 }
```

Background

The CSS property to change the background color of an element to Hex 512C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512C13 }
```

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

```
.background{ background-color:#512C13 }
```

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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