

Converting Colors

Hex(512127)

Have a look what the booklet for
Hex(512127) contains.

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Color

Hex(512127)

Conversions

Conversions Part 1

Format	Color
Hex	512127
RGB	81, 33, 39
RGB Percent	32%, 13%, 15%
CMY	0.6824, 0.8706, 0.8471
CMYK	0.00, 0.59, 0.52, 0.68
HSL	352°, 42%, 22%
HSV	352°, 59%, 32%
XYZ	4.3034, 2.9835, 2.2685
YIQ	48.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

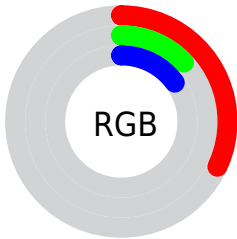
Format	Color
R_YB	81, 33, 39
Decimal	5316903
CIE Lab	19.98, 23.13, 7.00
CIE LCh	20, 24.167, 16.831
Yxy	2.9835, 0.4504, 0.3122
Android (android.graphics.Color)	4283506983 (0xFF512127)
YUV	48.0360, -4.4547, 28.9094
Hunter-Lab	17.2729, 14.2443, 4.3042

Details

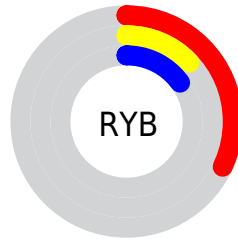
The Hex color **512127** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21514B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **854F54**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **511920**, and if you desaturate by 10%, it is **51292E**.

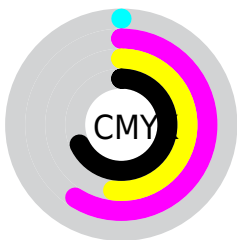
Distribution



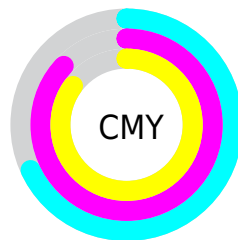
- Red (32%)
- Green (13%)
- Blue (15%)



- Red (32%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (52%)
- Black (68%)





- Cyan (68%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512127 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 512127 by changing the saturation by 10% instead.

 512127

 512127

FFFFFF

 380B13

 854F54

 250001

 A0686C

 000000


 BC8185


 D89B9F

 F5B7BA

 FFD2D6

 FFEFF2

 512127

 512127

■ 511920

■ 51292E

■ 511119

■ 513135

■ 510912

■ 51393C

■ 51010B

■ 514143

■ 51000A

■ 514A4A

■ 515252

■ 515A59

■ 516260

■ 516A67

Harmonies

Analogous

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



4D2239



512127



4C2617

Triad

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



512127



1C3617



003453

Complementary

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



512127



21514B

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.



00384A



512127



003828

Square

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



512127



31320C



00393A



232F52

Rectangle

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



512127



452A0F



00393A



003650

Sweetspot

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



512127



695658



4B2151



362A2B



B5B5B5



363636

Same Dimension

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



512127



691E28



513321



292525



69000D



E8001D

Inverse Universe

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



512127



691E28



213F51



292525



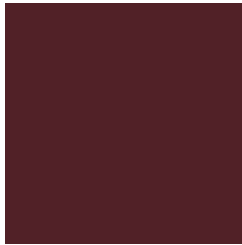
69000D



E8001D

Previews

White Background



This preview shows how the Hex color 512127 looks on a white background.

Color Contrast Check

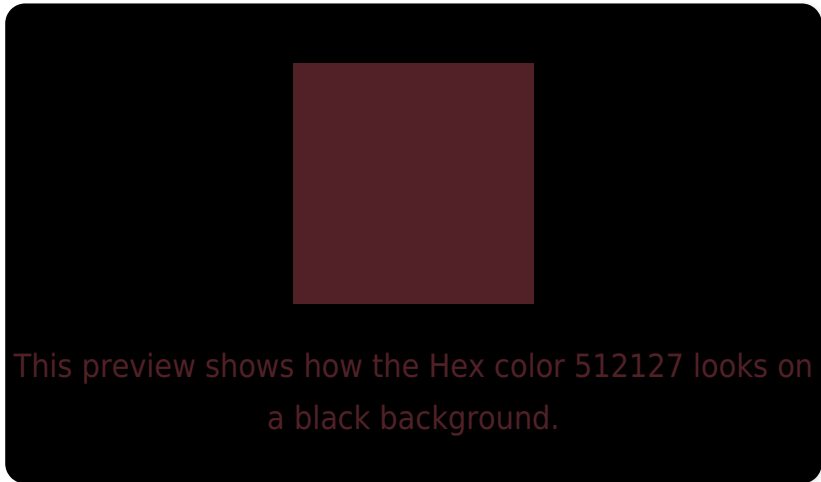
Large Text (above 18pt) WCAG AA ✓ Pass

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

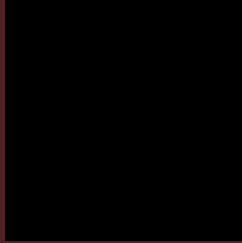
Any Text WCAG AA × Fail

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 512127 Background



This preview shows how black text looks on a background with the Hex color 512127.



This preview shows how white text looks on a background with the Hex color 512127.

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
512127

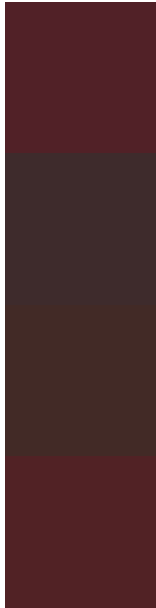
Protanopia
33312F

Deuteranopia
3A2F25



Tritanopia
512224

Trichromacy



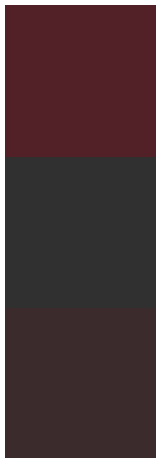
Original Color
512127

Protanomaly
3E2B2C

Deuteranomaly
422A26

Tritanomaly
512225

Monochromacy



Original Color
512127

Achromatopsia
303030

Achromatomaly
3C2B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 512127 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 #512127 looks like.

```
.text, #text, p{  
    color:#512127  
}
```

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 #512127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512127
}
```

Border

The CSS property to change the border of an element to Hex 512127 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".

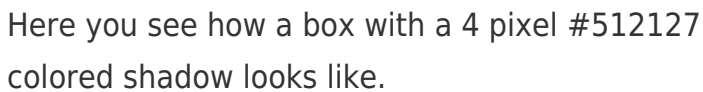
```
.border, #border, table{ border:4px solid
#512127 }
```

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

```
.border{ border-color:#512127 }
```

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

Here you see how a box with a 4 pixel #512127 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512127; -webkit-box-shadow:4px 4px  
4px 4px #512127; box-shadow:4px 4px 4px  
4px #512127 }
```

Background

The CSS property to change the background color of an element to Hex 512127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512127 }
```

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

```
.background{ background-color:#512127 }
```

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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