

# Converting Colors

Hex(512124)

Have a look what the booklet for  
Hex(512124) contains.

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**Color**

**Hex(512124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	512124
RGB	81, 33, 36
RGB Percent	32%, 13%, 14%
CMY	0.6824, 0.8706, 0.8588
CMYK	0.00, 0.59, 0.56, 0.68
HSL	356°, 42%, 22%
HSV	356°, 59%, 32%
XYZ	4.2556, 2.9644, 2.0170
YIQ	47.6940, 27.6450, 11.1090

# Conversions

## Conversions Part 2

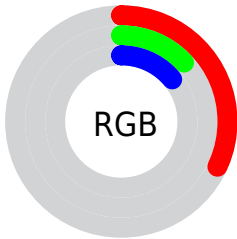
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	81, 33, 36
Decimal	5316900
CIE Lab	19.90, 22.80, 8.98
CIE LCh	20, 24.506, 21.495
Yxy	2.9644, 0.4607, 0.3209
Android (android.graphics.Color)	4283506980 (0xFF512124)
YUV	47.6940, -5.7651, 29.2094
Hunter-Lab	17.2175, 13.9891, 5.1067

# Details

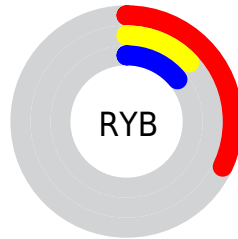
The Hex color **512124** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21514E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **854F50**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **51191C**, and if you desaturate by 10%, it is **51292C**.

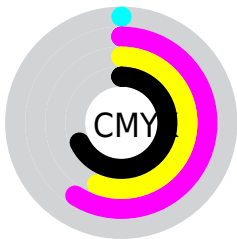
# Distribution



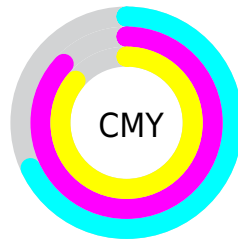
- Red (32%)
- Green (13%)
- Blue (14%)



- Red (32%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (59%)
- Yellow (56%)
- Black (68%)




- Cyan (68%)
- Magenta (87%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 512124 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 512124 by changing the saturation by 10% instead.



 512124

 512124

FFFFFF

 380B0F

 854F50

 240001

 A06868

 000000


 BC8182

 D89B9C

 F5B6B6

 FFD2D2

 FFEFEE

 512124

 512124

■ 51191C

■ 51292C

■ 511115

■ 513133

■ 51090D

■ 51393B

■ 510106

■ 514142

■ 510005

■ 514A4A

■ 515252

■ 515A59

■ 516261

■ 516A68

# Harmonies

## Analogous

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



4E2136



512124



4B2715

# Triad

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



512124



183719



003453

# Complementary

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



512124



21514E

# 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.



00374C



512124



00392A

# Square

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



512124



2D330C



00393D



282D51

# Rectangle

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



512124



432B0D



00393D



003552



# Sweetspot

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



512124



695657



4E2151



362A2B



B5B5B5



363636



# Same Dimension

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



512124



691E23



513621



292525



690007



E8000F



# Inverse Universe

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



512124



691E23



213C51



292525



690007

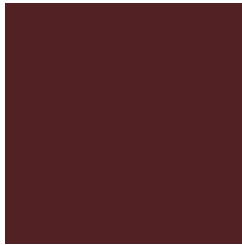


E8000F



# Previews

## White Background



This preview shows how the Hex color 512124 looks on a white background.

## Color Contrast Check

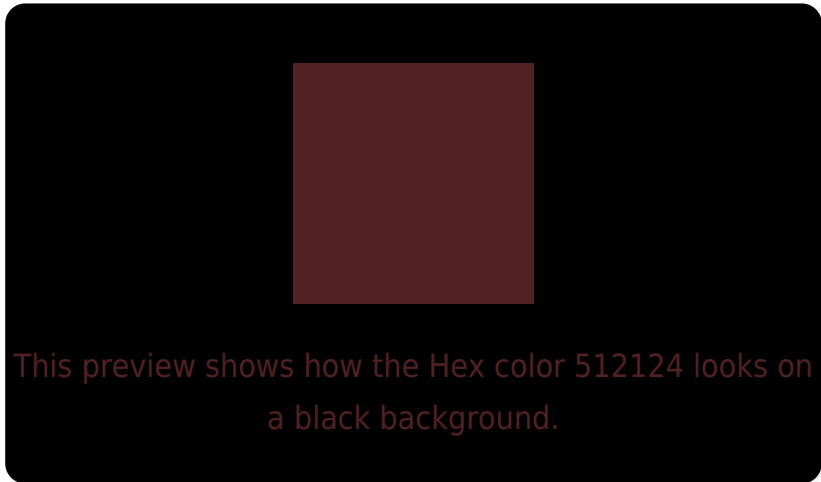
Large Text (above 18pt) WCAG AA ✓ Pass

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

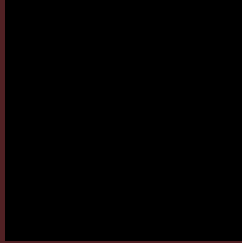
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 512124 Background



This preview shows how black text looks on a background with the Hex color 512124.



This preview shows how white text looks on a background with the Hex color 512124.

# 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**  
512124

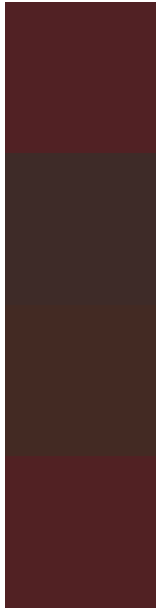
**Protanopia**  
33312B

**Deuteranopia**  
3B2F22



**Tritanopia**  
512123

# Trichromacy



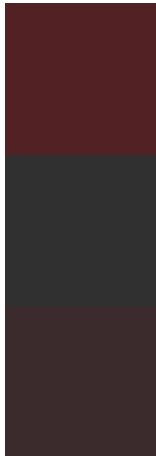
**Original Color**  
512124

**Protanomaly**  
3E2B28

**Deuteranomaly**  
432A23

**Tritanomaly**  
512123

# Monochromacy



**Original Color**  
512124

**Achromatopsia**  
303030

**Achromatomaly**  
3C2B2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 512124 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 #512124 looks like.

```
.text, #text, p{  
    color:#512124  
}
```

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 #512124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512124
}
```

## Border

The CSS property to change the border of an element to Hex 512124 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".

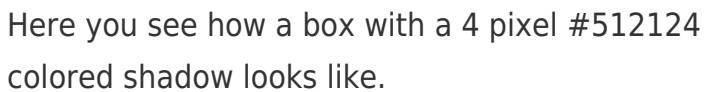
```
.border, #border, table{ border:4px solid
#512124 }
```

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

```
.border{ border-color:#512124 }
```

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

Here you see how a box with a 4 pixel #512124 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #512124 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512124; -webkit-box-shadow:4px 4px  
4px 4px #512124; box-shadow:4px 4px 4px  
4px #512124 }
```

# Background

The CSS property to change the background color of an element to Hex 512124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512124 }
```

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

```
.background{ background-color:#512124 }
```

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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