

Converting Colors

Hex(51312A)

Have a look what the booklet for
Hex(51312A) contains.

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Color

Hex(51312A)

Conversions

Conversions Part 1

Format	Color
Hex	51312A
RGB	81, 49, 42
RGB Percent	32%, 19%, 16%
CMY	0.6824, 0.8078, 0.8353
CMYK	0.00, 0.40, 0.48, 0.68
HSL	11°, 32%, 24%
HSV	11°, 48%, 32%
XYZ	4.9096, 4.1131, 2.7256
YIQ	57.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

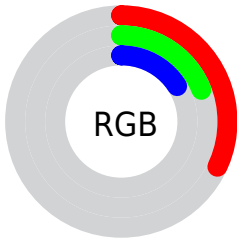
Format	Color
RYB	81, 51, 42
Decimal	5321002
CIELab	24.04, 13.62, 10.53
CIELCh	24, 17.214, 37.721
Yxy	4.1131, 0.4179, 0.3501
Android (android.graphics.Color)	4283511082 (0xFF51312A)
YUV	57.7700, -7.7746, 20.3727
Hunter-Lab	20.2808, 7.7197, 6.2283

Details

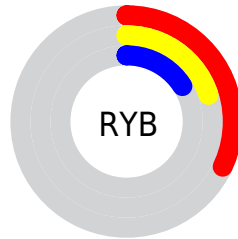
The Hex color **51312A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A4A51**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **846057**, and **240300** is the 20% darker color. If you saturate the color by 10%, you get **512A22**, and if you desaturate by 10%, it is **513832**.

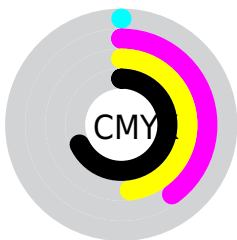
Distribution



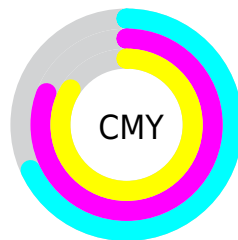
- Red (32%)
- Green (19%)
- Blue (16%)



- Red (32%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (68%)




- Cyan (68%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51312A 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 51312A by changing the saturation by 10% instead.

 51312A

 51312A

FFFFFF

 391C16

 846057

 240300

 9F7870

 000000


 BA9289


 D6ADA3

 F3C8BE

 FFE4DA

 FFFFF7

 51312A

 51312A

■ 512A22

■ 513832

■ 51241A

■ 513E3A

■ 511D12

■ 514542

■ 51160A

■ 514C4A

■ 511001

■ 515253

■ 510F00

■ 51595B

■ 516063

■ 51666B

■ 516D73

Harmonies

Analogous

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



522F36



51312A



4A3521

Triad

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



51312A



213F2F



2C3953

Complementary

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



51312A



2A4A51

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.



163D51



51312A



0F403C

Square

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



51312A



303D24



053F49



3F354E

Rectangle

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



51312A



43381F



053F49



253B53

Sweetspot

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



51312A



695D5A



512A4A



362E2C



B5B5B5



363636

Same Dimension

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



51312A



69372C



51442A



292525



691300



E82A00

Inverse Universe

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



2A4A51



2C5E69



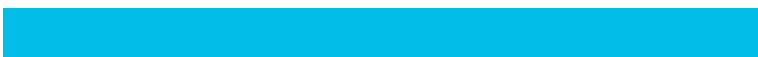
2A3751



252829



005669



00BEE8

Previews

White Background



This preview shows how the Hex color 51312A looks on a white background.

Color Contrast Check

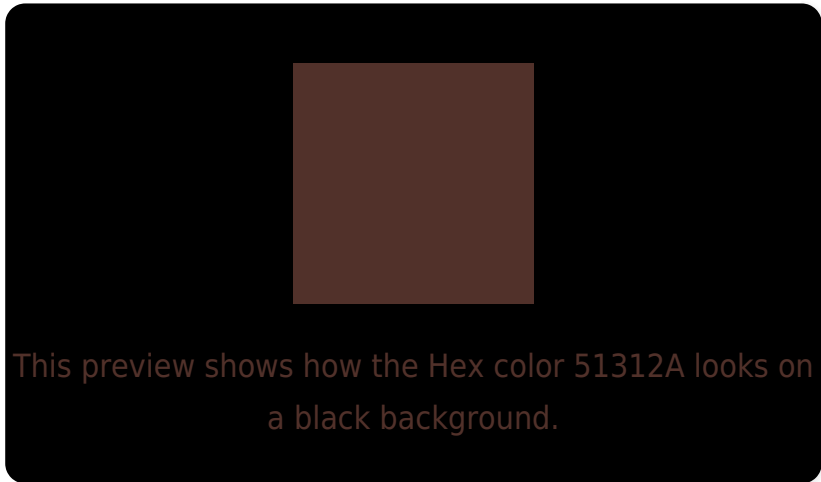
Large Text (above 18pt) WCAG AA ✓ Pass

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

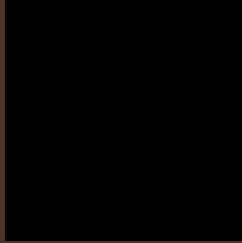
Any Text WCAG AA × Fail

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 51312A Background



This preview shows how black text looks on a background with the Hex color 51312A.

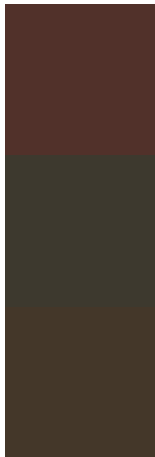


This preview shows how white text looks on a background with the Hex color 51312A.

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
51312A

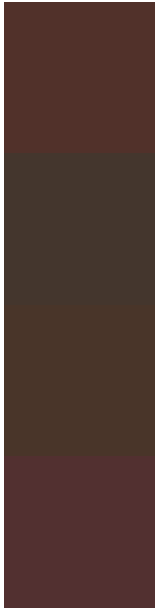
Protanopia
3D392E

Deuteranopia
443729



Tritanopia
523033

Trichromacy



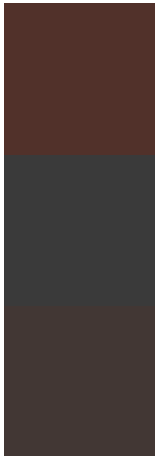
Original Color
51312A

Protanomaly
44362D

Deuteranomaly
493529

Tritanomaly
523030

Monochromacy



Original Color
51312A

Achromatopsia
3A3A3A

Achromatomaly
423734

CSS Examples

Text

The CSS property to change the color of the text to Hex 51312A 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 #51312A looks like.

```
.text, #text, p{  
    color:#51312A  
}
```

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 #51312A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51312A
}
```

Border

The CSS property to change the border of an element to Hex 51312A is called "border". The border property can be set on classes, ids or directly on the HTML element.

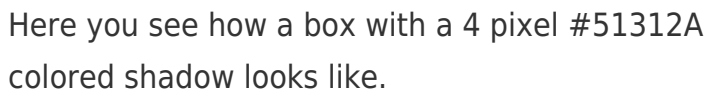
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51312A }
```

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

```
.border{ border-color:#51312A }
```

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



Here you see how a box with a 4 pixel #51312A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51312A; -webkit-box-shadow:4px 4px  
4px 4px #51312A; box-shadow:4px 4px 4px  
4px #51312A }
```

Background

The CSS property to change the background color of an element to Hex 51312A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51312A }
```

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

```
.background{ background-color:#51312A }
```

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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