

Converting Colors

Hex(51353A)

Have a look what the booklet for
Hex(51353A) contains.

Hex(51353A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(51353A)

Conversions

Conversions Part 1

Format	Color
Hex	51353A
RGB	81, 53, 58
RGB Percent	32%, 21%, 23%
CMY	0.6824, 0.7922, 0.7725
CMYK	0.00, 0.35, 0.28, 0.68
HSL	349°, 21%, 26%
HSV	349°, 35%, 32%
XYZ	5.4302, 4.6010, 4.6049
YIQ	61.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

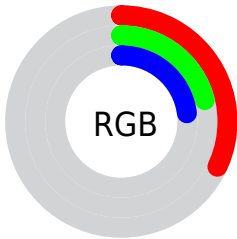
Format	Color
R_{YB}	81, 53, 58
Decimal	5322042
CIE _{Lab}	25.57, 13.41, 1.99
CIE _{LCh}	26, 13.553, 8.422
Yxy	4.6010, 0.3710, 0.3144
Android (android.graphics.Color)	4283512122 (0xFF51353A)
YUV	61.9420, -1.9434, 16.7139
Hunter-Lab	21.4500, 7.6506, 2.2867

Details

The Hex color **51353A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35514C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **836469**, and **240A0F** is the 20% darker color. If you saturate the color by 10%, you get **512D33**, and if you desaturate by 10%, it is **513D41**.

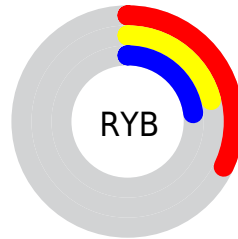
Distribution



Red (32%)

Green (21%)

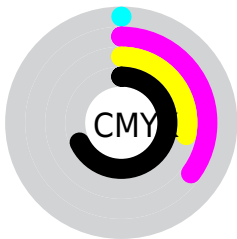
Blue (23%)



Red (32%)

Yellow (21%)

Blue (23%)

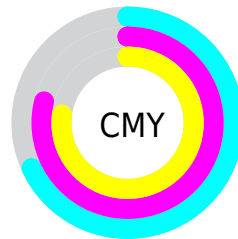


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (68%)



Cyan (68%)

Magenta (79%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51353A 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 51353A by changing the saturation by 10% instead.



51353A



51353A

FFFFFF



391F24



836469



240A0F



9D7D82



000000



B9979C



D4B2B7



F1CDD3



FFE9EF



51353A



51353A



512D33



513D41

■ 51252D

■ 514547

■ 511D26

■ 514D4E

■ 51151F

■ 515555

■ 510D19

■ 515E5B

■ 510412

■ 516662

■ 51000E

■ 516E69

■ 51766F

■ 517E76

Harmonies

Analogous

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



4C3644



51353A



503630

Triad

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



51353A



36402C



25404F

Complementary

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



51353A



35514C

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.



1D4249



51353A



2A4235

Square

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



51353A



413D28



20423F



343D51

Rectangle

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



51353A



4D382B



20423F



22404E

Sweetspot

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



51353A



695E60



4C3551



362F30



B5B5B5



363636

Same Dimension

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



51353A



693E45



513E35



292525



690013



E80029

Inverse Universe

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



51353A



693E45



354851



292525



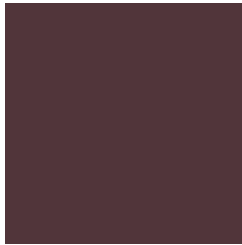
690013



E80029

Previews

White Background



This preview shows how the Hex color 51353A looks on a white background.

Color Contrast Check

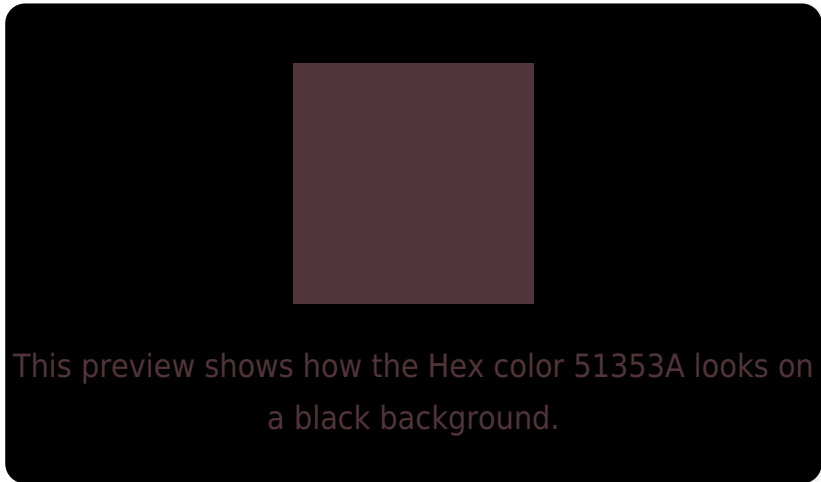
Large Text (above 18pt) WCAG AA ✓ Pass

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 51353A Background



This preview shows how black text looks on a background with the Hex color 51353A.

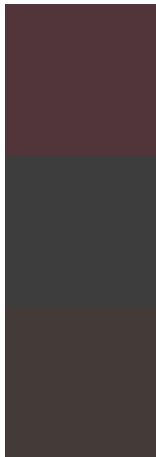


This preview shows how white text looks on a background with the Hex color 51353A.

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
51353A

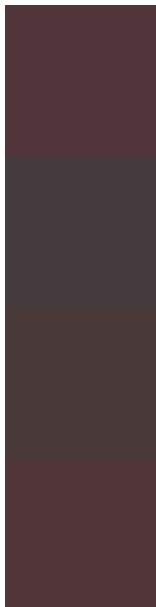
Protanopia
3E3D3E

Deuteranopia
443B39



Tritanopia
513539

Trichromacy



Original Color

51353A

Protanomaly

453A3D

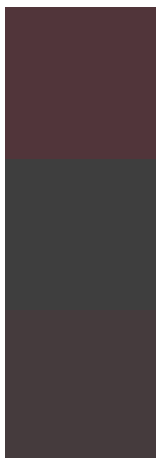
Deuteranomaly

493939

Tritanomaly

513539

Monochromacy



Original Color

51353A

Achromatopsia

3E3E3E

Achromatomaly

453B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 51353A 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 #51353A looks like.

```
.text, #text, p{  
    color:#51353A  
}
```

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 #51353A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51353A
}
```

Border

The CSS property to change the border of an element to Hex 51353A 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".

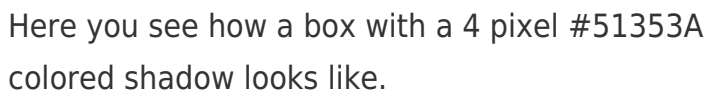
```
.border, #border, table{ border:4px solid
#51353A }
```

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

```
.border{ border-color:#51353A }
```

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

Here you see how a box with a 4 pixel #51353A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51353A; -webkit-box-shadow:4px 4px  
4px 4px #51353A; box-shadow:4px 4px 4px  
4px #51353A }
```

Background

The CSS property to change the background color of an element to Hex 51353A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51353A }
```

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

```
.background{ background-color:#51353A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor