

Converting Colors

Hex(51642A)

Have a look what the booklet for
Hex(51642A) contains.

Hex(51642A)	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(51642A)

Conversions

Conversions Part 1

Format	Color
Hex	51642A
RGB	81, 100, 42
RGB Percent	32%, 39%, 16%
CMY	0.6824, 0.6078, 0.8353
CMYK	0.19, 0.00, 0.58, 0.61
HSL	80°, 41%, 28%
HSV	80°, 58%, 39%
XYZ	8.3684, 11.0308, 3.8786
YIQ	87.7070, 7.2940, -22.0660

Conversions

Conversions Part 2

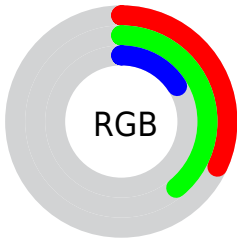
Format	Color
RYB	42, 100, 61
Decimal	5334058
CIELab	39.63, -17.36, 30.11
CIElCh	40, 34.757, 119.963
Yxy	11.0308, 0.3595, 0.4739
Android (android.graphics.Color)	4283524138 (0xFF51642A)
YUV	87.7070, -22.5336, -5.8820
Hunter-Lab	33.2127, -13.1466, 16.3250

Details

The Hex color **51642A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D2A64**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **849759**, and **233500** is the 20% darker color. If you saturate the color by 10%, you get **4E6420**, and if you desaturate by 10%, it is **546434**.

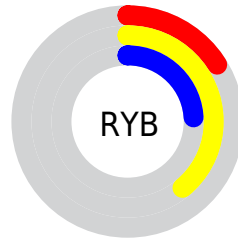
Distribution



Red (32%)

Green (39%)

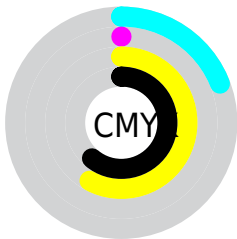
Blue (16%)



Red (16%)

Yellow (39%)

Blue (24%)

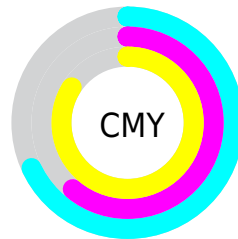


Cyan (19%)

Magenta (0%)

Yellow (58%)

Black (61%)



Cyan (68%)


Magenta (61%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51642A 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 51642A by changing the saturation by 10% instead.

 51642A

 51642A

FFFFFF

 394C13

 849759

 233500

 9EB273

 082000

 BACD8C

 000000


 D6E9A7

 F2FFC3

 FFFFDF

 FFFFFB

 51642A

 51642A

■ 4E6420

■ 546434

■ 4A6416

■ 58643E

■ 47640C

■ 5B6448

■ 446402

■ 5E6452

■ 436400

■ 61645C

■ 656466

■ 686470

■ 6B647A

■ 6E6484

Harmonies

Analogous

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



6E5C22



51642A



2C6940

Triad

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



51642A



00688E



90455F

Complementary

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



51642A



3D2A64

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.



804B7A



51642A



256096

Square

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



51642A



006B79



5F568F



914843

Rectangle

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



51642A



006B53



5F568F



8D4668

Sweetspot

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



51642A



7B826C



643C2A



3E4235



C2C2C2



424242

Same Dimension

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



51642A



648227



35642A



31332E



4D7300



A3F200

Inverse Universe

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



3D2A64



452782



592A64



302E33



260073



4F00F2

Previews

White Background



This preview shows how the Hex color 51642A looks on a white background.

Color Contrast Check

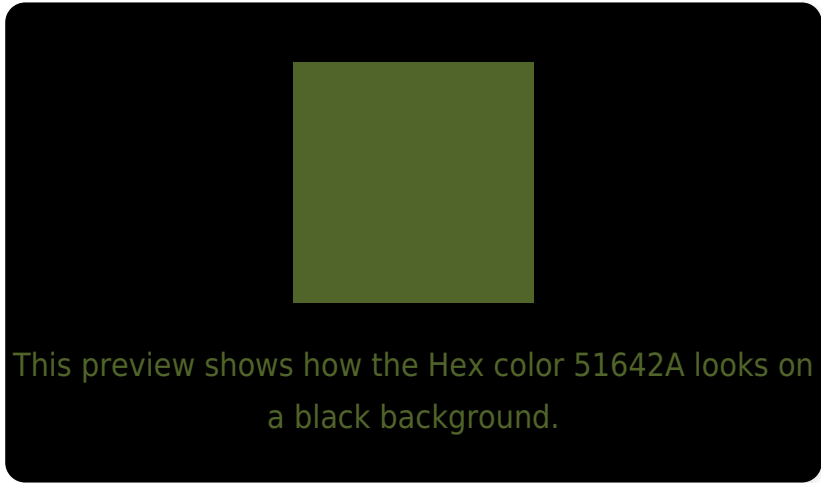
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

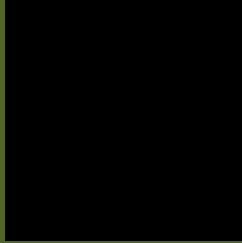
Any Text WCAG AA × Fail

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 51642A Background



This preview shows how black text looks on a background with the Hex color 51642A.



This preview shows how white text looks on a background with the Hex color 51642A.

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
51642A

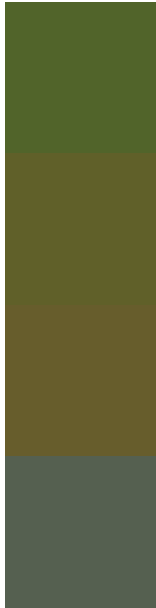
Protanopia
685D28

Deuteranopia
73592D



Tritanopia
585E65

Trichromacy



Original Color
51642A

Protanomaly
606029

Deuteranomaly
675D2C

Tritanomaly
556050

Monochromacy



Original Color
51642A

Achromatopsia
585858

Achromatomaly
555C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 51642A 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 #51642A looks like.

```
.text, #text, p{  
    color:#51642A  
}
```

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 #51642A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51642A
}
```

Border

The CSS property to change the border of an element to Hex 51642A 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".

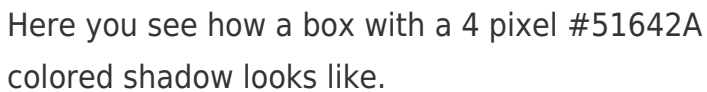
```
.border, #border, table{ border:4px solid
#51642A }
```

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

```
.border{ border-color:#51642A }
```

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

Here you see how a box with a 4 pixel #51642A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and right sides. Below the box, there is a thick dark green horizontal bar that extends across the width of the box, creating a shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51642A; -webkit-box-shadow:4px 4px  
4px 4px #51642A; box-shadow:4px 4px 4px  
4px #51642A }
```

Background

The CSS property to change the background color of an element to Hex 51642A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51642A }
```

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

```
.background{ background-color:#51642A }
```

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