

Converting Colors

Hex(51654C)

Have a look what the booklet for
Hex(51654C) contains.

Hex(51654C)	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(51654C)

Conversions

Conversions Part 1

Format	Color
Hex	51654C
RGB	81, 101, 76
RGB Percent	32%, 40%, 30%
CMY	0.6824, 0.6039, 0.7020
CMYK	0.20, 0.00, 0.25, 0.60
HSL	108°, 14%, 35%
HSV	108°, 25%, 40%
XYZ	9.3515, 11.5785, 8.5795
YIQ	92.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

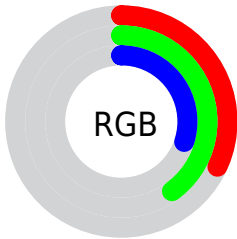
Format	Color
RYB	76, 101, 96
Decimal	5334348
CIELab	40.54, -12.87, 11.74
CIElCh	41, 17.421, 137.643
Yxy	11.5785, 0.3169, 0.3924
Android (android.graphics.Color)	4283524428 (0xFF51654C)
YUV	92.1700, -7.9718, -9.7961
Hunter-Lab	34.0272, -10.4913, 8.8699

Details

The Hex color **51654C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **604C65**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **83987D**, and **243620** is the 20% darker color. If you saturate the color by 10%, you get **496542**, and if you desaturate by 10%, it is **596556**.

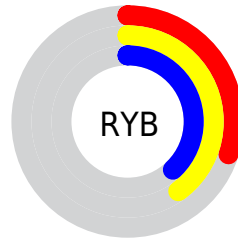
Distribution



Red (32%)

Green (40%)

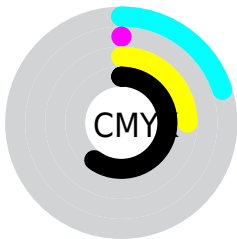
Blue (30%)



Red (30%)

Yellow (40%)

Blue (38%)

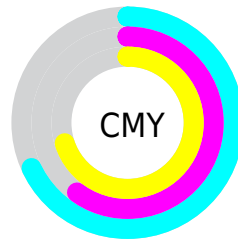


Cyan (20%)

Magenta (0%)

Yellow (25%)

Black (60%)



Cyan (68%)


Magenta (60%)


Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51654C 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 51654C by changing the saturation by 10% instead.

 51654C

 51654C

FFFFFF

 3A4D35

 83987D

 243620

 9DB397

 102109

 B8CEB2

 000400

 D4EBCD

 000000

 F0FFE9

 51654C

 51654C

 496542

 596556

 416538

 616560

■ 39652E

■ 69656A

■ 316524

■ 716574

■ 29651A

■ 79657F

■ 21650F

■ 816589

■ 186505

■ 8A6593

■ 146500

■ 92659D

■ 9A65A7

Harmonies

Analogous

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



616144



51654C



416759

Triad

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



51654C



46637B



7D5558

Complementary

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



51654C



604C65

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.



785666



51654C



5A5E7B

Square

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



51654C



376674



6C5973



79584B

Rectangle

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



51654C



396863



6C5973



7C555C

Sweetspot

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



51654C



7B8279



65604C



3E423D



C2C2C2



424242

Same Dimension

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



51654C



63825B



4C6554



2F332E



177300



30F200

Inverse Universe

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



604C65



7A5B82



654C5E



322E33



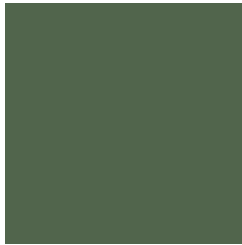
5C0073



C200F2

Previews

White Background



This preview shows how the Hex color 51654C looks on a white background.

Color Contrast Check

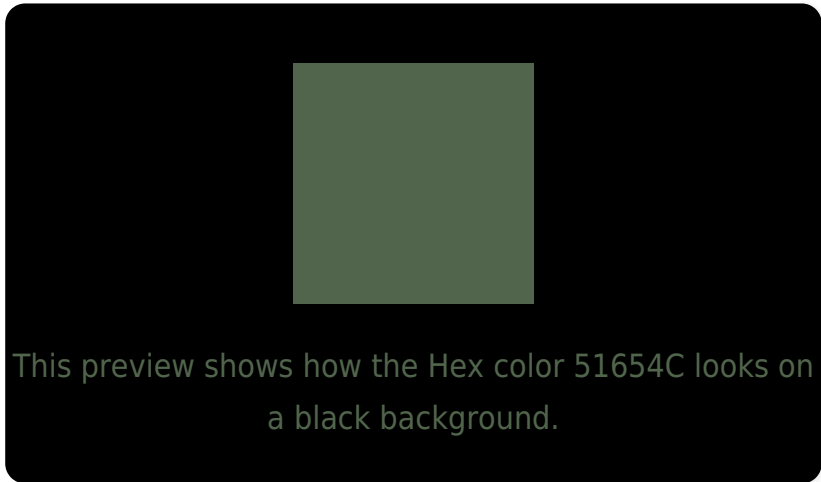
Large Text (above 18pt) WCAG AA ✓ Pass

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

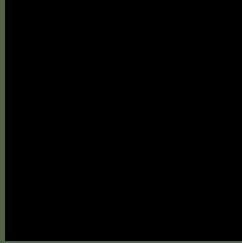
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

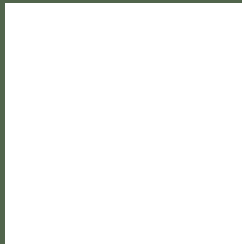
Any Text WCAG AAA × Fail

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

Hex 51654C Background



This preview shows how black text looks on a background with the Hex color 51654C.



This preview shows how white text looks on a background with the Hex color 51654C.

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
51654C

Protanopia
665F49

Deuteranopia
6F5C4E



Tritanopia
566169

Trichromacy



Original Color
51654C

Protanomaly
5E614A

Deuteranomaly
645F4D

Tritanomaly
54625E

Monochromacy



Original Color
51654C

Achromatopsia
5C5C5C

Achromatomaly
585F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 51654C 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 #51654C looks like.

```
.text, #text, p{  
    color:#51654C  
}
```

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 #51654C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51654C
}
```

Border

The CSS property to change the border of an element to Hex 51654C is called "border". The border property can be set on classes, ids or directly on the HTML element.

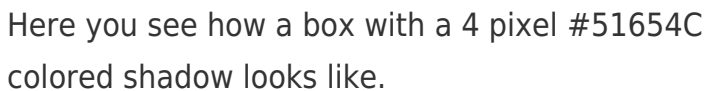
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51654C }
```

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

```
.border{ border-color:#51654C }
```

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



Here you see how a box with a 4 pixel #51654C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51654C; -webkit-box-shadow:4px 4px  
4px 4px #51654C; box-shadow:4px 4px 4px  
4px #51654C }
```

Background

The CSS property to change the background color of an element to Hex 51654C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51654C }
```

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

```
.background{ background-color:#51654C }
```

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