

Converting Colors

Hex(51744B)

Have a look what the booklet for
Hex(51744B) contains.

Hex(51744B)	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(51744B)

Conversions

Conversions Part 1

Format	Color
Hex	51744B
RGB	81, 116, 75
RGB Percent	32%, 45%, 29%
CMY	0.6824, 0.5451, 0.7059
CMYK	0.30, 0.00, 0.35, 0.55
HSL	111°, 21%, 37%
HSV	111°, 35%, 45%
XYZ	10.9087, 14.7481, 8.9283
YIQ	100.8610, -7.6990, -20.1710

Conversions

Conversions Part 2

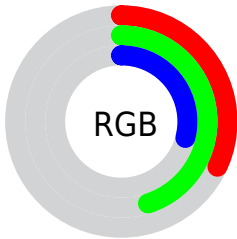
Format	Color
R_{YB}	75, 116, 110
Decimal	5338187
CIE _{Lab}	45.29, -21.18, 18.78
CIE _{LCh}	45, 28.308, 138.443
Yxy	14.7481, 0.3154, 0.4264
Android (android.graphics.Color)	4283528267 (0xFF51744B)
YUV	100.8610, -12.7495, -17.4181
Hunter-Lab	38.4033, -16.5015, 13.0980

Details

The Hex color **51744B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E4B74**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **83A87C**, and **22441E** is the 20% darker color. If you saturate the color by 10%, you get **47743F**, and if you desaturate by 10%, it is **5B7457**.

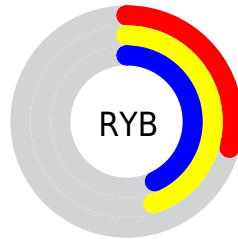
Distribution



Red (32%)

Green (45%)

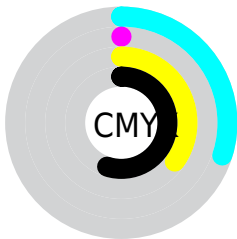
Blue (29%)



Red (29%)

Yellow (45%)

Blue (43%)

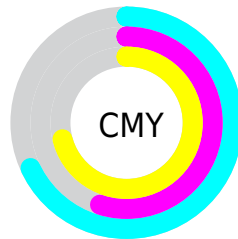


Cyan (30%)

Magenta (0%)

Yellow (35%)

Black (55%)



Cyan (68%)


Magenta (55%)


Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51744B 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 51744B by changing the saturation by 10% instead.

 51744B

 51744B

FFFFFF

 395B34

 83A87C

 22441E

 9EC496

 0B2D07


 B9E0B1

 001A00

 D5FCCC

 000000

 F2FFE9

 51744B

 51744B

 47743F

 5B7457

 3D7434

 657462

■ 337428

■ 6F746E

■ 29741D

■ 797479

■ 1F7411

■ 837485

■ 167405

■ 8C7491

■ 117400

■ 96749C

■ A074A8

■ AA74B3

Harmonies

Analogous

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



6C6E3D



51744B



317761

Triad

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



51744B



377099



99595D

Complementary

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



51744B



6E4B74

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.



935A75



51744B



606898

Square

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



51744B



00758E



80608B



935E49

Rectangle

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



51744B



167871



80608B



995965

Sweetspot

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



51744B



889686



746E4B



444D43



CCCCCC



4D4D4D

Same Dimension

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



51744B



619657



4B7459



363B35



127A00



25FA00

Inverse Universe

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



6E4B74



8D5796



744B66



3A353B



68007A



D500FA

Previews

White Background



This preview shows how the Hex color 51744B looks on a white background.

Color Contrast Check

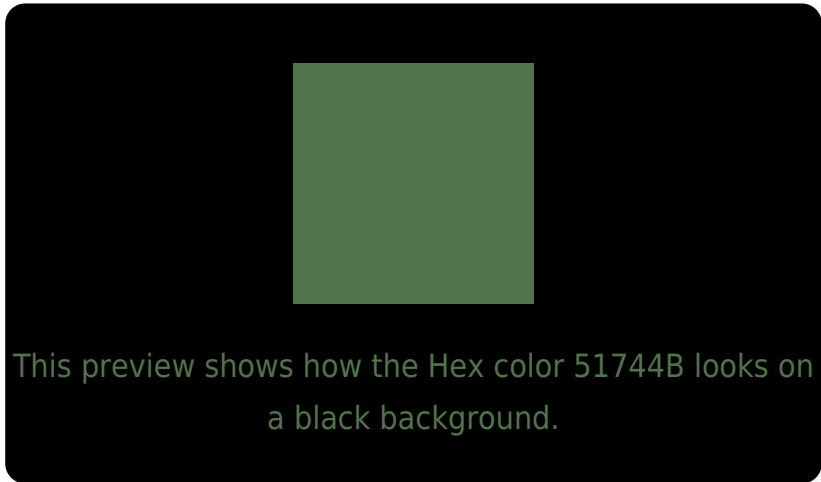
Large Text (above 18pt) WCAG AA ✓ Pass

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

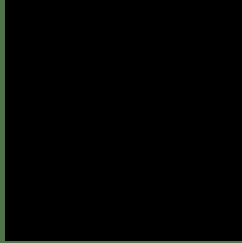
Any Text WCAG AA × Fail

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 51744B Background



This preview shows how black text looks on a background with the Hex color 51744B.



This preview shows how white text looks on a background with the Hex color 51744B.

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
51744B

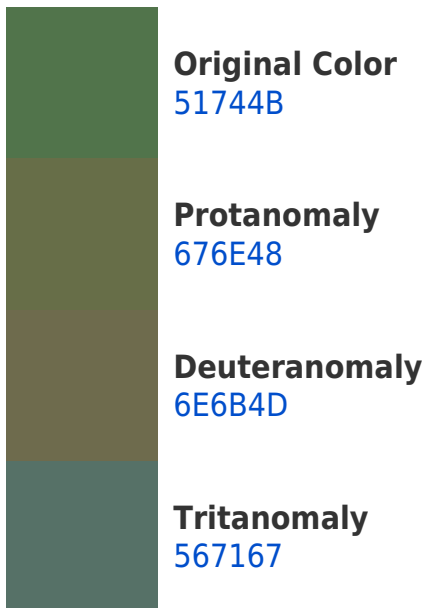
Protanopia
746B47

Deuteranopia
7E664E

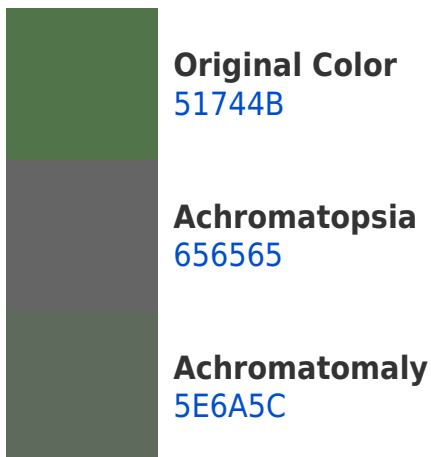


Tritanopia
596F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51744B 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 #51744B looks like.

```
.text, #text, p{  
    color:#51744B  
}
```

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 #51744B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51744B
}
```

Border

The CSS property to change the border of an element to Hex 51744B 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
#51744B }
```

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

```
.border{ border-color:#51744B }
```

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

Here you see how a box with a 4 pixel #51744B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51744B; -webkit-box-shadow:4px 4px  
4px 4px #51744B; box-shadow:4px 4px 4px  
4px #51744B }
```

Background

The CSS property to change the background color of an element to Hex 51744B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51744B }
```

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

```
.background{ background-color:#51744B }
```

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