

Converting Colors

Hex(55784B)

Have a look what the booklet for
Hex(55784B) contains.

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Color

Hex(55784B)

Conversions

Conversions Part 1

Format	Color
Hex	55784B
RGB	85, 120, 75
RGB Percent	33%, 47%, 29%
CMY	0.6667, 0.5294, 0.7059
CMYK	0.29, 0.00, 0.37, 0.53
HSL	107°, 23%, 38%
HSV	107°, 37%, 47%
XYZ	11.7328, 15.8722, 9.1019
YIQ	104.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

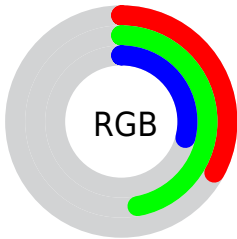
Format	Color
RYB	75, 120, 110
Decimal	5601355
CIELab	46.81, -21.76, 20.84
CIELCh	47, 30.129, 136.240
Yxy	15.8722, 0.3196, 0.4324
Android (android.graphics.Color)	4283791435 (0xFF55784B)
YUV	104.4050, -14.4967, -17.0182
Hunter-Lab	39.8400, -17.1521, 14.3425

Details

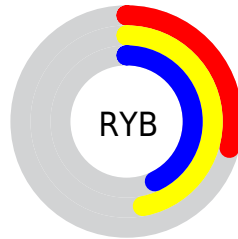
The Hex color **55784B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E4B78**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **88AC7C**, and **25471E** is the 20% darker color. If you saturate the color by 10%, you get **4C783F**, and if you desaturate by 10%, it is **5E7857**.

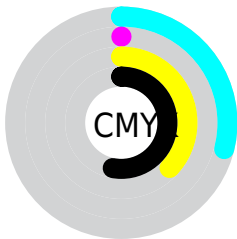
Distribution



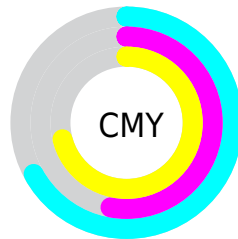
- Red (33%)
- Green (47%)
- Blue (29%)



- Red (29%)
- Yellow (47%)
- Blue (43%)



- Cyan (29%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55784B 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 55784B by changing the saturation by 10% instead.



55784B



55784B

FFFFFF



3D5F34



88AC7C



25471E



A2C896



0F3007



BEE4B1



001D00



DAFFCD



000000



F7FFE9



55784B



55784B



4C783F



5E7857



427833



687863

■ 397827

■ 71786F

■ 30781B

■ 7A787B

■ 26780F

■ 847887

■ 1D7803

■ 8D7893

■ 1B7800

■ 96789F

■ A078AB

■ A978B7

Harmonies

Analogous

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



72723D



55784B



337C62

Triad

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



55784B



3175A0



A05B62

Complementary

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



55784B



6E4B78

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.



995C7C



55784B



606D9F

Square

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



55784B



007A93



836392



9A614C

Rectangle

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



55784B



117C74



836392



9F5B6B

Sweetspot

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



55784B



8E9C8A



786D4B



474F45



CFCFCF



4F4F4F

Same Dimension

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



55784B



659C56



4B7857



383D37



1C7D00



38FC00

Inverse Universe

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



6E4B78



8C569C



784B6C



3C373D



61007D



C400FC

Previews

White Background



This preview shows how the Hex color 55784B looks on a white background.

Color Contrast Check

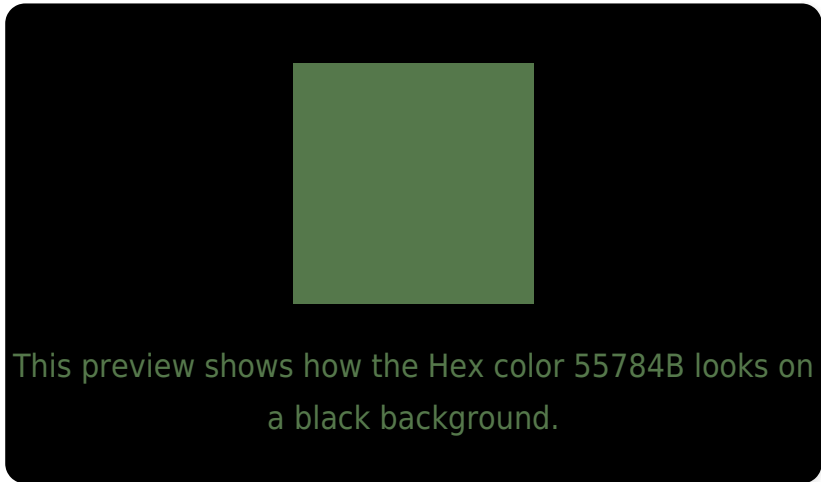
Large Text (above 18pt) WCAG AA ✓ Pass

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

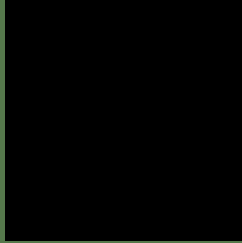
Any Text WCAG AA × Fail

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 55784B Background



This preview shows how black text looks on a background with the Hex color 55784B.



This preview shows how white text looks on a background with the Hex color 55784B.

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
55784B

Protanopia
786F47

Deuteranopia
846A4E



Tritanopia
5D727B

Trichromacy



Original Color
55784B

Protanomaly
6B7248

Deuteranomaly
736F4D

Tritanomaly
5A746A

Monochromacy



Original Color
55784B

Achromatopsia
686868

Achromatomaly
616E5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 55784B 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 #55784B looks like.

```
.text, #text, p{  
    color:#55784B  
}
```

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 #55784B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55784B
}
```

Border

The CSS property to change the border of an element to Hex 55784B 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".

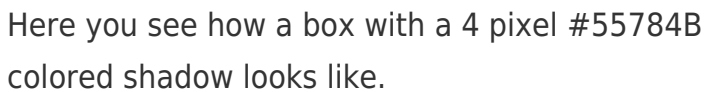
```
.border, #border, table{ border:4px solid
#55784B }
```

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

```
.border{ border-color:#55784B }
```

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

Here you see how a box with a 4 pixel #55784B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55784B; -webkit-box-shadow:4px 4px  
4px 4px #55784B; box-shadow:4px 4px 4px  
4px #55784B }
```

Background

The CSS property to change the background color of an element to Hex 55784B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55784B }
```

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

```
.background{ background-color:#55784B }
```

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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