

Converting Colors

Hex(55734A)

Have a look what the booklet for
Hex(55734A) contains.

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Color

Hex(55734A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 55734A |
| RGB | 85, 115, 74 |
| RGB Percent | 33%, 45%, 29% |
| CMY | 0.6667, 0.5490, 0.7098 |
| CMYK | 0.26, 0.00, 0.36, 0.55 |
| HSL | 104°, 22%, 37% |
| HSV | 104°, 36%, 45% |
| XYZ | 11.1131, 14.6872, 8.7278 |
| YIQ | 101.3560, -4.7190, -19.1110 |

Conversions

Conversions Part 2

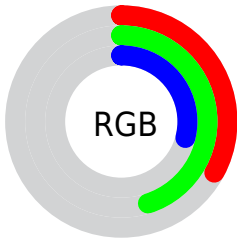
| Format | Color |
|-------------------------------------|--|
| RYB | 74, 115, 104 |
| Decimal | 5600074 |
| CIELab | 45.20, -19.31, 19.29 |
| CIELCh | 45, 27.293, 135.033 |
| Yxy | 14.6872, 0.3219, 0.4254 |
| Android (android.graphics.Color) | 4283790154 (0xFF55734A) |
| YUV | 101.3560, -13.4865, -14.3442 |
| Hunter-Lab | 38.3238, -15.3056, 13.3242 |

Details

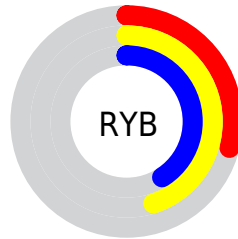
The Hex color **55734A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **684A73**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **88A77B**, and **26431D** is the 20% darker color. If you saturate the color by 10%, you get **4D733F**, and if you desaturate by 10%, it is **5D7356**.

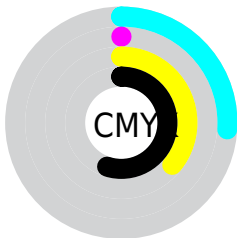
Distribution



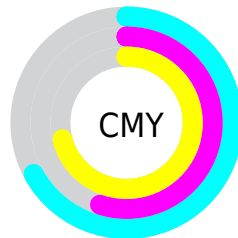
- Red (33%)
- Green (45%)
- Blue (29%)



- Red (29%)
- Yellow (45%)
- Blue (41%)



- Cyan (26%)
- Magenta (0%)
- Yellow (36%)
- Black (55%)



- Cyan (67%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55734A 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 55734A by changing the saturation by 10% instead.



55734A



55734A

FFFFFF



3D5A33



88A77B



26431D



A2C295



102C06



BDDEB0



001A00



D9FBCB



000000



F6FFE8



55734A



55734A



4D733F



5D7356



447333



667361

■ 3C7328

■ 6E736D

■ 33731C

■ 777378

■ 2B7311

■ 7F7384

■ 237305

■ 87738F

■ 1F7300

■ 90739B

■ 9873A6

■ A173B2

Harmonies

Analogous

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



6F6D3E



55734A



38765E

Triad

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



55734A



357197



975960

Complementary

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



55734A



684A73

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.



905B77



55734A



5D6997

Square

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



55734A



08758A



7C618B



935E4C

Rectangle

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



55734A



21776E



7C618B



965968

Sweetspot

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



55734A



8A9686



73674A



454D43



CCCCCC



4D4D4D

Same Dimension

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



55734A



679656



4A7353



363B35



217A00



43FA00

Inverse Universe

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



684A73



855696



734A6A



39353B



5A007A



B700FA

Previews

White Background



This preview shows how the Hex color 55734A looks on a white background.

Color Contrast Check

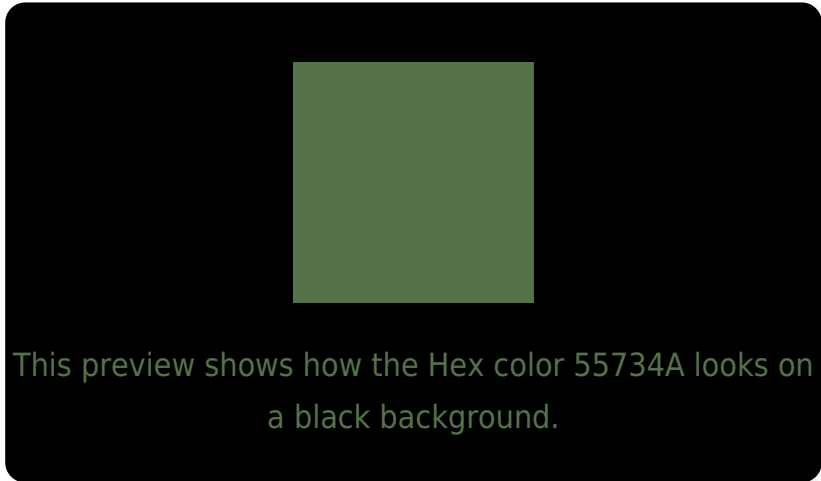
Large Text (above 18pt) WCAG AA ✓ Pass

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

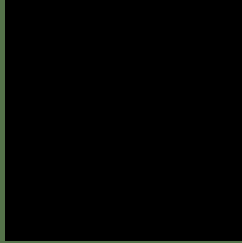
Any Text WCAG AA × Fail

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 55734A Background



This preview shows how black text looks on a background with the Hex color 55734A.



This preview shows how white text looks on a background with the Hex color 55734A.

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](#).

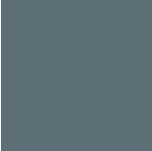
Dichromacy



Original Color
55734A

Protanopia
746B47

Deuteranopia
7F664D



Tritanopia
5C6E76

Trichromacy



Original Color
55734A

Protanomaly
696E48

Deuteranomaly
706B4C

Tritanomaly
597066

Monochromacy



Original Color
55734A

Achromatopsia
656565

Achromatomaly
5F6A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 55734A 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 #55734A looks like.

```
.text, #text, p{  
    color:#55734A  
}
```

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 #55734A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55734A
}
```

Border

The CSS property to change the border of an element to Hex 55734A 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
#55734A }
```

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

```
.border{ border-color:#55734A }
```

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

Here you see how a box with a 4 pixel #55734A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55734A; -webkit-box-shadow:4px 4px  
4px 4px #55734A; box-shadow:4px 4px 4px  
4px #55734A }
```

Background

The CSS property to change the background color of an element to Hex 55734A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55734A }
```

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

```
.background{ background-color:#55734A }
```

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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