

Converting Colors

Hex(53774A)

Have a look what the booklet for
Hex(53774A) contains.

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Color

Hex(53774A)

Conversions

Conversions Part 1

Format	Color
Hex	53774A
RGB	83, 119, 74
RGB Percent	33%, 47%, 29%
CMY	0.6745, 0.5333, 0.7098
CMYK	0.30, 0.00, 0.38, 0.53
HSL	108°, 23%, 38%
HSV	108°, 38%, 47%
XYZ	11.4001, 15.5271, 8.8747
YIQ	103.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

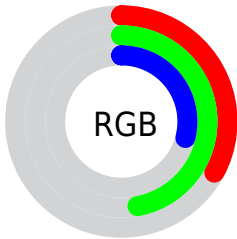
Format	Color
RYB	74, 119, 110
Decimal	5470026
CIELab	46.35, -22.16, 20.78
CIElCh	46, 30.379, 136.838
Yxy	15.5271, 0.3184, 0.4337
Android (android.graphics.Color)	4283660106 (0xFF53774A)
YUV	103.1060, -14.3493, -17.6330
Hunter-Lab	39.4044, -17.3156, 14.2297

Details

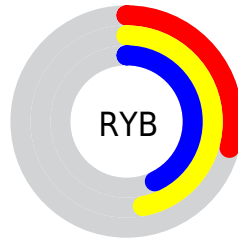
The Hex color **53774A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E4A77**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **86AB7B**, and **23461D** is the 20% darker color. If you saturate the color by 10%, you get **49773E**, and if you desaturate by 10%, it is **5D7756**.

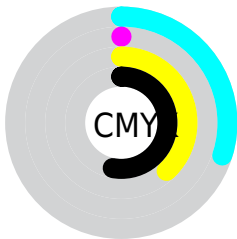
Distribution



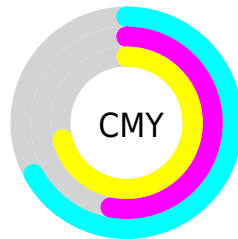
- Red (33%)
- Green (47%)
- Blue (29%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (38%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 53774A 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 53774A by changing the saturation by 10% instead.



53774A



53774A

FFFFFF



3B5E33



86AB7B



23461D



A0C795



0C3006



BCE3B0



001D00



D8FFCB



000000



F4FFE8



53774A



53774A



49773E



5D7756



407732



667762

■ 367726

■ 70776E

■ 2D771A

■ 79777A

■ 23770F

■ 837785

■ 1A7703

■ 8C7791

■ 187700

■ 96779D

■ 9F77A9

■ A977B5

Harmonies

Analogous

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



70713C



53774A



307A61

Triad

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



53774A



2F749F



9F5A60

Complementary

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



53774A



6E4A77

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.



985B7A



53774A



5F6B9E

Square

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



53774A



007992



826291



99604A

Rectangle

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



53774A



097B73



826291



9E5969

Sweetspot

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



53774A



8E9C8A



776E4A



474F45



CFCFCF



4F4F4F

Same Dimension

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



53774A



649C56



4A7758



363B35



187A00



32FA00

Inverse Universe

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



6E4A77



8E569C



774A6A



39353B



62007A



C800FA

Previews

White Background



This preview shows how the Hex color 53774A looks on a white background.

Color Contrast Check

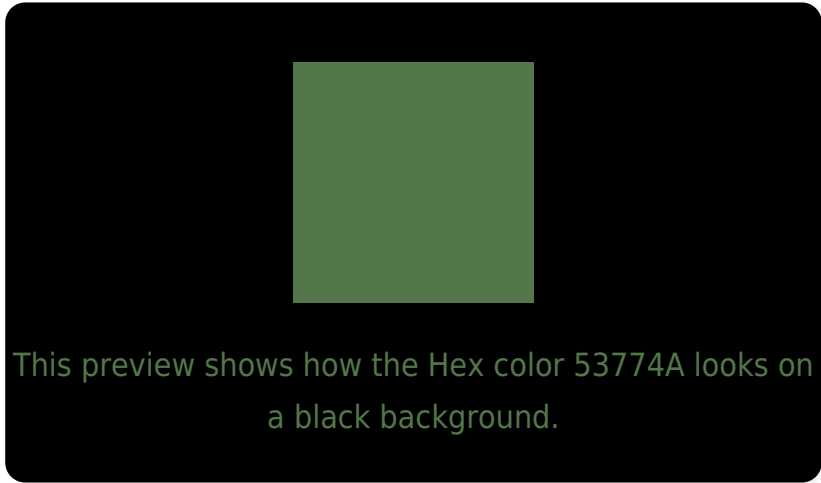
Large Text (above 18pt) WCAG AA ✓ Pass

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

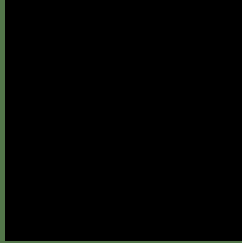
Any Text WCAG AA × Fail

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 53774A Background



This preview shows how black text looks on a background with the Hex color 53774A.



This preview shows how white text looks on a background with the Hex color 53774A.

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
53774A

Protanopia
776D46

Deuteranopia
82694D



Tritanopia
5B717A

Trichromacy



Original Color
53774A

Protanomaly
6A7147

Deuteranomaly
716E4C

Tritanomaly
587369

Monochromacy



Original Color
53774A

Achromatopsia
676767

Achromatomaly
606D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 53774A 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 #53774A looks like.

```
.text, #text, p{  
    color:#53774A  
}
```

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 #53774A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53774A
}
```

Border

The CSS property to change the border of an element to Hex 53774A 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".

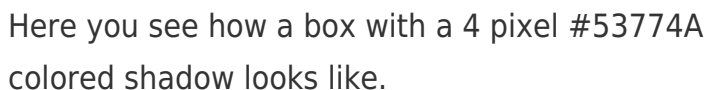
```
.border, #border, table{ border:4px solid
#53774A }
```

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

```
.border{ border-color:#53774A }
```

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

Here you see how a box with a 4 pixel #53774A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53774A; -webkit-box-shadow:4px 4px  
4px 4px #53774A; box-shadow:4px 4px 4px  
4px #53774A }
```

Background

The CSS property to change the background color of an element to Hex 53774A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53774A }
```

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

```
.background{ background-color:#53774A }
```

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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