

# Converting Colors

Hex(53574E)

Have a look what the booklet for  
Hex(53574E) contains.

<b>Hex(53574E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(53574E)

# Conversions

## Conversions Part 1

Format	Color
Hex	53574E
RGB	83, 87, 78
RGB Percent	33%, 34%, 31%
CMY	0.6745, 0.6588, 0.6941
CMYK	0.05, 0.00, 0.10, 0.66
HSL	87°, 5%, 32%
HSV	87°, 10%, 34%
XYZ	8.3506, 9.2054, 8.5444
YIQ	84.7780, 0.5050, -3.6470

# Conversions

## Conversions Part 2

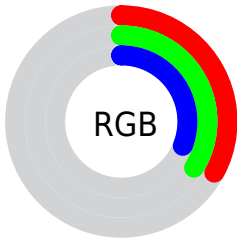
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 87, 82
Decimal	5461838
CIE Lab	36.38, -3.48, 4.68
CIE LCh	36, 5.834, 126.672
Yxy	9.2054, 0.3199, 0.3527
Android (android.graphics.Color)	4283651918 (0xFF53574E)
YUV	84.7780, -3.3416, -1.5593
Hunter-Lab	30.3405, -3.9672, 4.5412

# Details

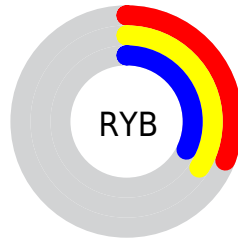
The Hex color **53574E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **524E57**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **84897F**, and **262A22** is the 20% darker color. If you saturate the color by 10%, you get **4F5745**, and if you desaturate by 10%, it is **575757**.

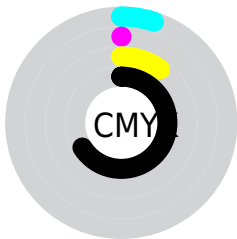
# Distribution



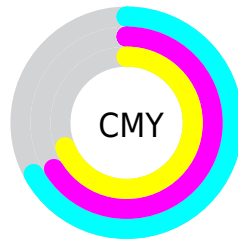
- Red (33%)
- Green (34%)
- Blue (31%)



- Red (31%)
- Yellow (34%)
- Blue (32%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (66%)



- Cyan (67%)
- Magenta (66%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53574E 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 53574E by changing the saturation by 10% instead.





53574E



53574E

FFFFFF



3C4037



84897F



262A22



9FA399



12150C



B9BEB4



000000



D5DACF



F2F6EB



53574E



53574E



4F5745



575757



4B573D



5B575F

■ 475734

■ 5F5768

■ 44572B

■ 625771

■ 405723

■ 66577A

■ 3C571A

■ 6A5782

■ 385711

■ 6E578B

■ 345708

■ 725794

■ 305700

■ 76579C

# Harmonies

## Analogous

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



58564C



53574E



4E5852

# Triad

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



53574E



4D575E



5F5255

# Complementary

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



53574E



524E57

# 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.



5D5359



53574E



52565F

# Square

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



53574E



4A585B



58545D



5F3350

# Rectangle

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



53574E



4B5855



58545D



5F5256



# Sweetspot

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



53574E



6F706D



57524E



373836



B8B8B8



383838



# Same Dimension

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



53574E



6A7063



4F574E



292B27



3B6B00



82EB00



# Inverse Universe

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



524E57



696370



564E57



29272B



30006B



6800EB



# Previews

## White Background



This preview shows how the Hex color 53574E looks on a white background.

## Color Contrast Check

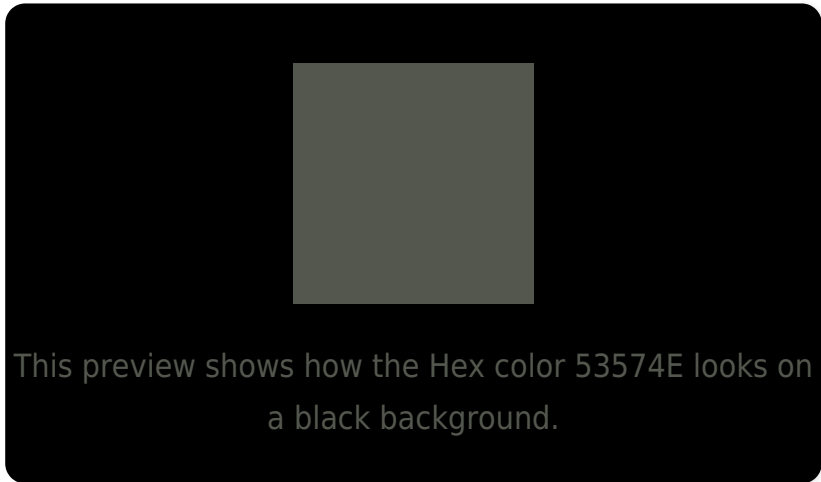
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

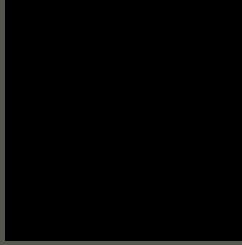
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53574E Background



This preview shows how black text looks on a background with the Hex color 53574E.



This preview shows how white text looks on a background with the Hex color 53574E.

# 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**


53574E

**Protanopia**

59554D

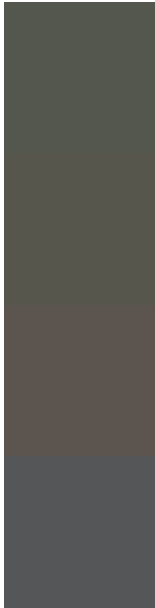
**Deuteranopia**

60524F



**Tritanopia**  
55555C

# Trichromacy



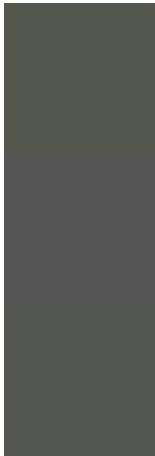
**Original Color**  
53574E

**Protanomaly**  
57564D

**Deuteranomaly**  
5B544F

**Tritanomaly**  
545657

# Monochromacy



**Original Color**  
53574E

**Achromatopsia**  
555555

**Achromatomaly**  
545652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53574E 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 #53574E looks like.

```
.text, #text, p{  
    color:#53574E  
}
```

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 #53574E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53574E
}
```

## Border

The CSS property to change the border of an element to Hex 53574E is called "border". The border property can be set on classes, ids or directly on the HTML element.

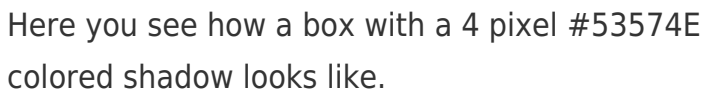
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53574E }
```

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

```
.border{ border-color:#53574E }
```

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



Here you see how a box with a 4 pixel #53574E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53574E; -webkit-box-shadow:4px 4px  
4px 4px #53574E; box-shadow:4px 4px 4px  
4px #53574E }
```

# Background

The CSS property to change the background color of an element to Hex 53574E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53574E }
```

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

```
.background{ background-color:#53574E }
```

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