

# Converting Colors

Hex(56674E)

Have a look what the booklet for  
Hex(56674E) contains.

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# Color

**Hex(56674E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56674E
RGB	86, 103, 78
RGB Percent	34%, 40%, 31%
CMY	0.6627, 0.5961, 0.6941
CMYK	0.17, 0.00, 0.24, 0.60
HSL	101°, 14%, 35%
HSV	101°, 24%, 40%
XYZ	10.0631, 12.2290, 9.0378
YIQ	95.0670, -2.1070, -11.3790

# Conversions

## Conversions Part 2

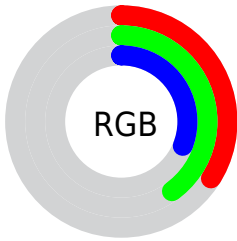
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 103, 95
Decimal	5662542
CIELab	41.58, -11.64, 12.03
CIELCh	42, 16.740, 134.062
Yxy	12.2290, 0.3212, 0.3903
Android (android.graphics.Color)	4283852622 (0xFF56674E)
YUV	95.0670, -8.4140, -7.9518
Hunter-Lab	34.9700, -9.8313, 9.1558

# Details

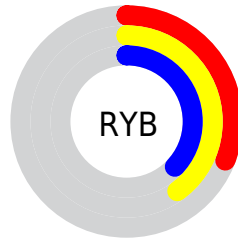
The Hex color **56674E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F4E67**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **889A7F**, and **283822** is the 20% darker color. If you saturate the color by 10%, you get **4F6744**, and if you desaturate by 10%, it is **5D6758**.

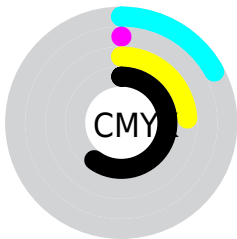
# Distribution



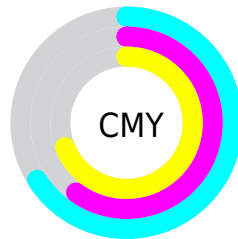
- Red (34%)
- Green (40%)
- Blue (31%)



- Red (31%)
- Yellow (40%)
- Blue (37%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56674E 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 56674E by changing the saturation by 10% instead.



■ 56674E

■ 56674E

FFFFFF

■ 3F4F37

■ 889A7F

■ 283822

■ A2B599

■ 14220C

■ BDD0B4

■ 000B00

■ D9EDCF

■ 000000

■ F6FFEC

■ 56674E

■ 56674E

■ 4F6744

■ 5D6758

■ 486739

■ 646763

41672F

6B676D

3A6725

726777

33671B

796782

2C6710

80678C

256706

876796

216700

8E67A0

9567AB

# Harmonies

## Analogous

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



666347



56674E



47695A

# Triad

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



56674E



48667C



7E585C

# Complementary

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



56674E



5F4E67

# 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.



79596A



56674E



5A617D

# Square

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



56674E



3B6975



6C5C76



7C5A50

# Rectangle

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



56674E



3E6A64



6C5C76



7D5861



# Sweetspot

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



56674E



81877E



675F4E



41453F



C4C4C4



454545



# Same Dimension

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



56674E



6C8760



4E6752



30332E



257300



4EF200



# Inverse Universe

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



5F4E67



7B6087



674E63



312E33



4E0073

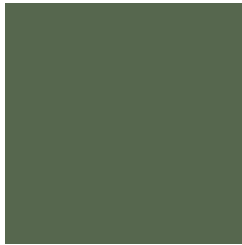


A500F2



# Previews

## White Background



This preview shows how the Hex color 56674E looks on a white background.

## Color Contrast Check

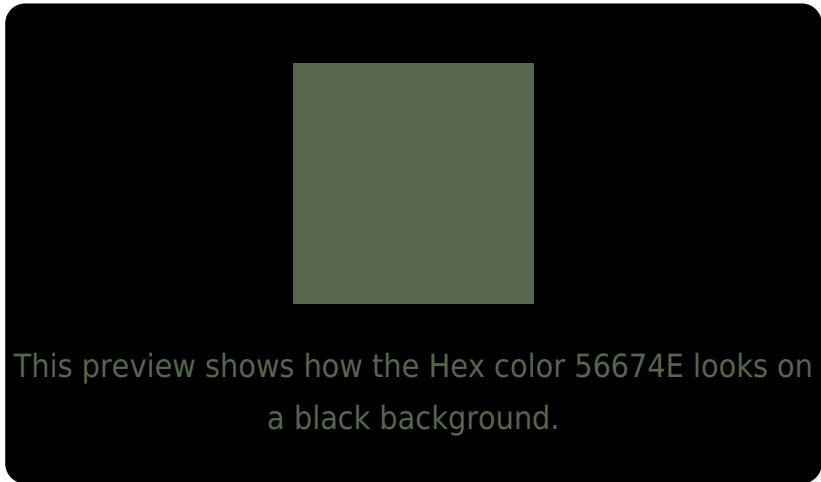
Large Text (above 18pt) WCAG AA ✓ Pass

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

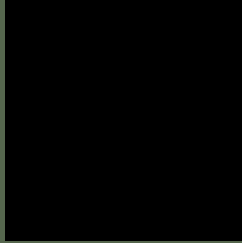
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56674E Background



This preview shows how black text looks on a background with the Hex color 56674E.

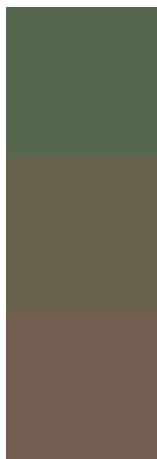


This preview shows how white text looks on a background with the Hex color 56674E.

# 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**  
56674E

**Protanopia**  
68624C

**Deuteranopia**  
725E50



**Tritanopia**  
5B636B

# Trichromacy



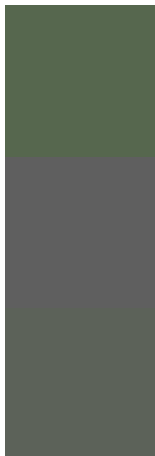
**Original Color**  
56674E

**Protanomaly**  
61644D

**Deuteranomaly**  
68614F

**Tritanomaly**  
596460

# Monochromacy



**Original Color**  
56674E

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5C6259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56674E 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 #56674E looks like.

```
.text, #text, p{  
    color:#56674E  
}
```

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 #56674E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56674E
}
```

## Border

The CSS property to change the border of an element to Hex 56674E 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".

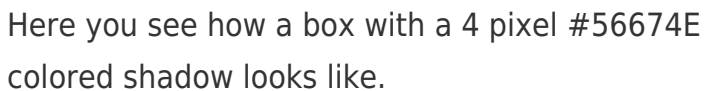
```
.border, #border, table{ border:4px solid
#56674E }
```

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

```
.border{ border-color:#56674E }
```

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

Here you see how a box with a 4 pixel #56674E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56674E; -webkit-box-shadow:4px 4px  
4px 4px #56674E; box-shadow:4px 4px 4px  
4px #56674E }
```

# Background

The CSS property to change the background color of an element to Hex 56674E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56674E }
```

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

```
.background{ background-color:#56674E }
```

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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