

# Converting Colors

Hex(55654D)

Have a look what the booklet for  
Hex(55654D) contains.

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# Color

**Hex(55654D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55654D
RGB	85, 101, 77
RGB Percent	33%, 40%, 30%
CMY	0.6667, 0.6039, 0.6980
CMYK	0.16, 0.00, 0.24, 0.60
HSL	100°, 13%, 35%
HSV	100°, 24%, 40%
XYZ	9.7395, 11.7745, 8.7806
YIQ	93.4800, -1.8320, -10.8560

# Conversions

## Conversions Part 2

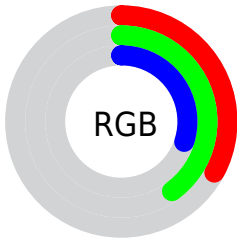
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 101, 93
Decimal	5596493
CIELab	40.86, -11.09, 11.62
CIElCh	41, 16.063, 133.668
Yxy	11.7745, 0.3215, 0.3887
Android (android.graphics.Color)	4283786573 (0xFF55654D)
YUV	93.4800, -8.1246, -7.4370
Hunter-Lab	34.3140, -9.3846, 8.8481

# Details

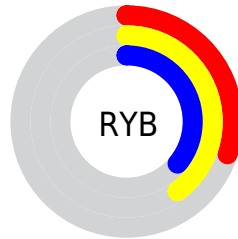
The Hex color **55654D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D4D65**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **87987E**, and **273621** is the 20% darker color. If you saturate the color by 10%, you get **4E6543**, and if you desaturate by 10%, it is **5C6557**.

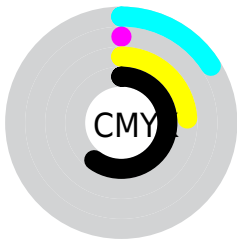
# Distribution



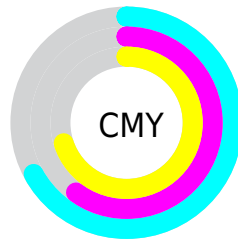
- Red (33%)
- Green (40%)
- Blue (30%)



- Red (30%)
- Yellow (40%)
- Blue (36%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55654D 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 55654D by changing the saturation by 10% instead.



■ 55654D

■ 55654D

FFFFFF

■ 3E4D36

■ 87987E

■ 273621

■ A1B398

■ 13210B

■ BCCEB3

■ 000600

■ D8EACE

■ 000000

■ F5FFEA

■ 55654D

■ 55654D

■ 4E6543

■ 5C6557

■ 486539

■ 626561

■ 41652F

■ 69656B

■ 3A6525

■ 706575

■ 33651A

■ 776580

■ 2D6510

■ 7D658A

■ 266506

■ 846594

■ 226500

■ 8B659E

■ 9265A8

# Harmonies

## Analogous

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



646147



55654D



466758

# Triad

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



55654D



476479



7B575B

# Complementary

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



55654D



5D4D65

# 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.



765868



55654D



595F7A

# Square

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



55654D



3B6772



6A5B73



79594F

# Rectangle

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



55654D



3F6862



6A5B73



7A575F



# Sweetspot

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



55654D



7C8279



655D4D



3F423D



C2C2C2



424242



# Same Dimension

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



55654D



69825C



4D6551



30332E



267300



51F200



# Inverse Universe

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



5D4D65



755C82



654D61



312E33



4D0073

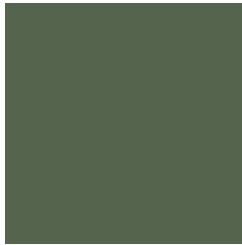


A200F2



# Previews

## White Background



This preview shows how the Hex color 55654D looks on a white background.

## Color Contrast Check

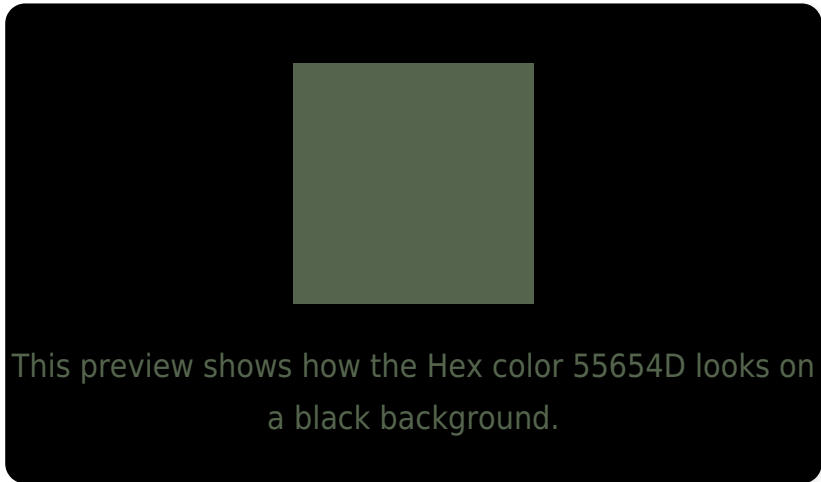
Large Text (above 18pt) WCAG AA ✓ Pass

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

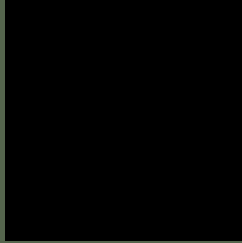
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55654D Background



This preview shows how black text looks on a background with the Hex color 55654D.



This preview shows how white text looks on a background with the Hex color 55654D.

# 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**  
55654D

**Protanopia**  
67604B

**Deuteranopia**  
6F5C4F



**Tritanopia**  
596169

# Trichromacy



**Original Color**  
55654D

**Protanomaly**  
60624C

**Deuteranomaly**  
665F4E

**Tritanomaly**  
58625F

# Monochromacy



**Original Color**  
55654D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5A6057

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55654D 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 #55654D looks like.

```
.text, #text, p{  
    color:#55654D  
}
```

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 #55654D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55654D
}
```

## Border

The CSS property to change the border of an element to Hex 55654D 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
#55654D }
```

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

```
.border{ border-color:#55654D }
```

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

Here you see how a box with a 4 pixel #55654D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55654D; -webkit-box-shadow:4px 4px  
4px 4px #55654D; box-shadow:4px 4px 4px  
4px #55654D }
```

# Background

The CSS property to change the background color of an element to Hex 55654D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55654D }
```

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

```
.background{ background-color:#55654D }
```

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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