

# Converting Colors

Hex(53672E)

Have a look what the booklet for  
Hex(53672E) contains.

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# Color

Hex(53672E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53672E
RGB	83, 103, 46
RGB Percent	33%, 40%, 18%
CMY	0.6745, 0.5961, 0.8196
CMYK	0.19, 0.00, 0.55, 0.60
HSL	81°, 38%, 29%
HSV	81°, 55%, 40%
XYZ	8.9107, 11.7368, 4.3805
YIQ	90.5220, 6.3770, -21.9670

# Conversions

## Conversions Part 2

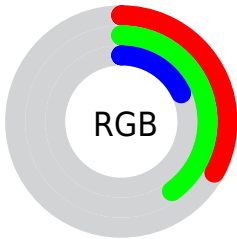
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 103, 66
Decimal	5465902
CIELab	40.79, -17.66, 29.39
CIElCh	41, 34.291, 121.006
Yxy	11.7368, 0.3560, 0.4689
Android (android.graphics.Color)	4283655982 (0xFF53672E)
YUV	90.5220, -21.9493, -6.5968
Hunter-Lab	34.2589, -13.5257, 16.4001

# Details

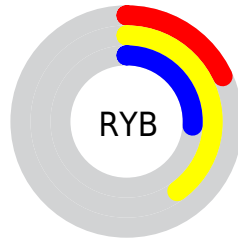
The Hex color **53672E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **422E67**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **869A5E**, and **243800** is the 20% darker color. If you saturate the color by 10%, you get **4F6724**, and if you desaturate by 10%, it is **576738**.

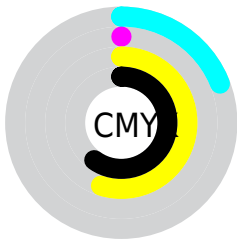
# Distribution



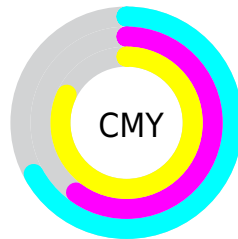
- Red (33%)
- Green (40%)
- Blue (18%)



- Red (18%)
- Yellow (40%)
- Blue (26%)



- Cyan (19%)
- Magenta (0%)
- Yellow (55%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53672E 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 53672E by changing the saturation by 10% instead.



 53672E

 53672E

FFFFFF

 3B4F17

 869A5E

 243800

 A1B577

 0D2200

 BCD191

 000500

 D8EDAC

 000000

 F5FFC7

 FFFFE3

 53672E

 53672E

 4F6724

 576738

■ 4C6719

■ 5A6743

■ 48670F

■ 5E674D

■ 456705

■ 616757

■ 436700

■ 656762

■ 69676C

■ 6C6776

■ 706780

■ 74678B

# Harmonies

## Analogous

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



705F26



53672E



2E6C44

# Triad

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



53672E



006A91



934860

# Complementary

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



53672E



422E67

# 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.



844E7C



53672E



2E6398

# Square

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



53672E



006E7C



635890



934B45

# Rectangle

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



53672E



006E56



635890



90496A



# Sweetspot

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



53672E



7F8770



67422E



404537



C4C4C4



454545



# Same Dimension

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



53672E



68872E



37672E



31332E



4A7300



9DF200



# Inverse Universe

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



422E67



4D2E87



5E2E67



302E33



280073



5500F2



# Previews

## White Background



This preview shows how the Hex color 53672E 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

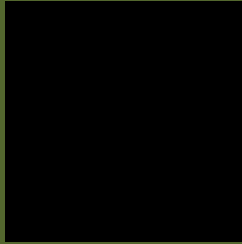
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53672E Background



This preview shows how black text looks on a background with the Hex color 53672E.



This preview shows how white text looks on a background with the Hex color 53672E.

# 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**  
53672E

**Protanopia**  
6B602C

**Deuteranopia**  
765B31



**Tritanopia**  
5A6169

# Trichromacy



**Original Color**  
53672E

**Protanomaly**  
62632D

**Deuteranomaly**  
695F30

**Tritanomaly**  
576354

# Monochromacy



**Original Color**  
53672E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
585F4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53672E 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 #53672E looks like.

```
.text, #text, p{  
    color:#53672E  
}
```

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 #53672E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53672E
}
```

## Border

The CSS property to change the border of an element to Hex 53672E 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
#53672E }
```

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

```
.border{ border-color:#53672E }
```

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

Here you see how a box with a 4 pixel #53672E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53672E; -webkit-box-shadow:4px 4px  
4px 4px #53672E; box-shadow:4px 4px 4px  
4px #53672E }
```

# Background

The CSS property to change the background color of an element to Hex 53672E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53672E }
```

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

```
.background{ background-color:#53672E }
```

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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