

# Converting Colors

Hex(573325)

Have a look what the booklet for  
Hex(573325) contains.

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**Color**

**Hex(573325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	573325
RGB	87, 51, 37
RGB Percent	34%, 20%, 15%
CMY	0.6588, 0.8000, 0.8549
CMYK	0.00, 0.41, 0.57, 0.66
HSL	17°, 40%, 24%
HSV	17°, 57%, 34%
XYZ	5.4482, 4.5275, 2.3370
YIQ	60.1680, 25.9500, 3.2780

# Conversions

## Conversions Part 2

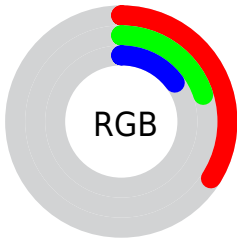
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 56, 37
Decimal	5714725
CIE <sub>Lab</sub>	25.34, 14.58, 15.70
CIE <sub>LCh</sub>	25, 21.427, 47.119
Yxy	4.5275, 0.4425, 0.3677
Android (android.graphics.Color)	4283904805 (0xFF573325)
YUV	60.1680, -11.4218, 23.5317
Hunter-Lab	21.2778, 8.4691, 8.3825

# Details

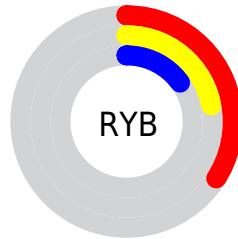
The Hex color **573325** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **254957**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8B6252**, and **270700** is the 20% darker color. If you saturate the color by 10%, you get **572D1C**, and if you desaturate by 10%, it is **57392E**.

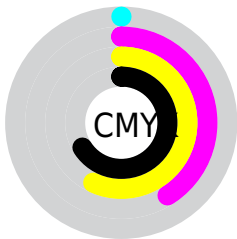
# Distribution



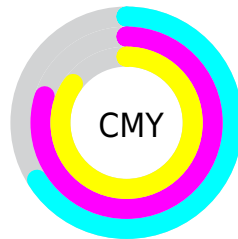
- Red (34%)
- Green (20%)
- Blue (15%)



- Red (34%)
- Yellow (22%)
- Blue (15%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (66%)



- Cyan (66%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 573325 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 573325 by changing the saturation by 10% instead.



 573325

 573325

FFFFFF

 3E1D10

 8B6252

 270700

 A67B6A

 000000

 C29583

 DEAF9D

 FBCBB8

 FFE7D4

 FFFFF0

 573325

 573325

■ 572D1C

■ 57392E

■ 572614

■ 574036

■ 57200B

■ 57463F

■ 571A02

■ 574C48

■ 571800

■ 575251

■ 575959

■ 575F62

■ 57656B

■ 576B73

# Harmonies

## Analogous

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



5B2F33



573325



4C391C

# Triad

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



573325



134434



333A5B

# Complementary

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



573325



254957

# 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.



11405B



573325



004545

# Square

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



573325



2B4225



004353



493452

# Rectangle

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



573325



423C1B



004353



293C5C



# Sweetspot

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



573325



70625D



57254A



38302D



B8B8B8



383838



# Same Dimension

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



573325



703823



574B25



2B2827



6B1E00



EB4200



# Inverse Universe

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



254957



235B70



253157



272A2B



004D6B



00A9EB



# Previews

## White Background



This preview shows how the Hex color 573325 looks on a white background.

## Color Contrast Check

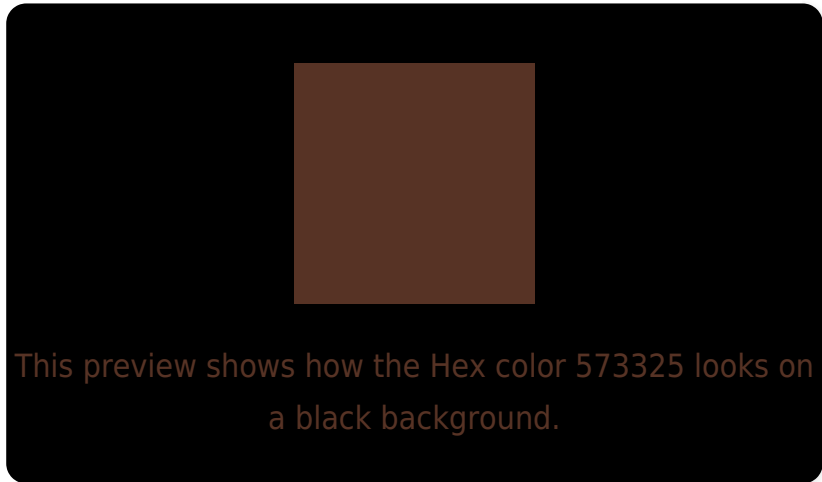
Large Text (above 18pt) WCAG AA ✓ Pass

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 573325 Background



This preview shows how black text looks on a background with the Hex color 573325.

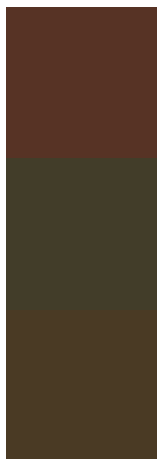


This preview shows how white text looks on a background with the Hex color 573325.

# 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**  
573325

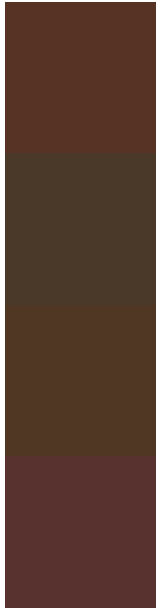
**Protanopia**  
423D29

**Deuteranopia**  
4A3A24



**Tritanopia**  
583135

# Trichromacy



**Original Color**  
573325

**Protanomaly**  
4A3928

**Deuteranomaly**  
4F3724

**Tritanomaly**  
58322F

# Monochromacy



**Original Color**  
573325

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
463934

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 573325 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 #573325 looks like.

```
.text, #text, p{  
    color:#573325  
}
```

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 #573325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573325
}
```

## Border

The CSS property to change the border of an element to Hex 573325 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".

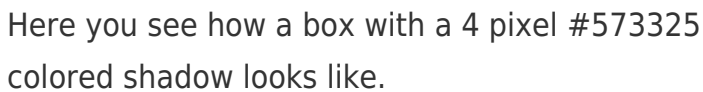
```
.border, #border, table{ border:4px solid
#573325 }
```

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

```
.border{ border-color:#573325 }
```

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

Here you see how a box with a 4 pixel #573325 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573325; -webkit-box-shadow:4px 4px  
4px 4px #573325; box-shadow:4px 4px 4px  
4px #573325 }
```

# Background

The CSS property to change the background color of an element to Hex 573325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573325 }
```

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

```
.background{ background-color:#573325 }
```

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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