

# Converting Colors

Hex(51532D)

Have a look what the booklet for  
Hex(51532D) contains.

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# Color

Hex(51532D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51532D
RGB	81, 83, 45
RGB Percent	32%, 33%, 18%
CMY	0.6824, 0.6745, 0.8235
CMYK	0.02, 0.00, 0.46, 0.67
HSL	63°, 30%, 25%
HSV	63°, 46%, 33%
XYZ	6.9602, 8.1253, 3.6841
YIQ	78.0700, 11.0060, -12.2420

# Conversions

## Conversions Part 2

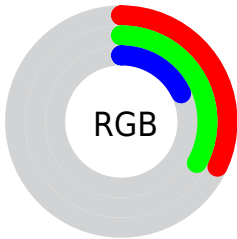
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 83, 47
Decimal	5329709
CIE Lab	34.24, -7.38, 21.94
CIE LCh	34, 23.144, 108.586
Yxy	8.1253, 0.3708, 0.4329
Android (android.graphics.Color)	4283519789 (0xFF51532D)
YUV	78.0700, -16.3035, 2.5696
Hunter-Lab	28.5049, -6.2980, 12.2905

# Details

The Hex color **51532D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F2D53**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **83845C**, and **242600** is the 20% darker color. If you saturate the color by 10%, you get **515325**, and if you desaturate by 10%, it is **515335**.

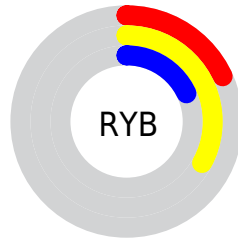
# Distribution



Red (32%)

Green (33%)

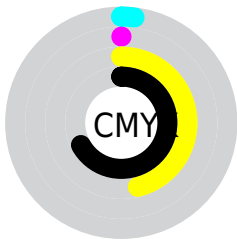
Blue (18%)



Red (18%)

Yellow (33%)

Blue (18%)

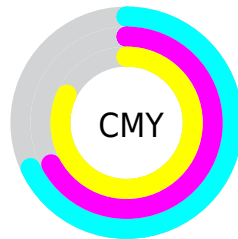


Cyan (2%)

Magenta (0%)

Yellow (46%)

Black (67%)



Cyan (68%)

Magenta (67%)


Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 51532D 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 51532D by changing the saturation by 10% instead.



 51532D

 51532D

FFFFFF

 393C17

 83845C

 242600

 9E9E74

 051200

 B9B98E


 000000


 D5D5A9

 F1F1C4

 FFFFE0

 FFFFFD

 51532D

 51532D

■ 515325

■ 515335

■ 50531C

■ 52533E

■ 505314

■ 525346

■ 4F530C

■ 53534E

■ 4F5303

■ 535356

■ 4F5300

■ 54535F

■ 545367

■ 54536F

■ 555378

# Harmonies

## Analogous

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



634D2C



51532D



3C5738

# Triad

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



51532D



00586C



704358

# Complementary

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



51532D



2F2D53

# 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.



614869



51532D



285474

# Square

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



51532D



015A5C



484E73



744246

# Rectangle

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



51532D



2C5942



484E73



6C445E



# Sweetspot

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



51532D



6A6B5C



532F2D



35362C



B5B5B5



363636



# Same Dimension

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



51532D



686B30



3E532D



292925



636900



DCE800



# Inverse Universe

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



2F2D53



33306B



422D53



252529



060069



0C00E8



# Previews

## White Background



This preview shows how the Hex color 51532D looks on a white background.

## Color Contrast Check

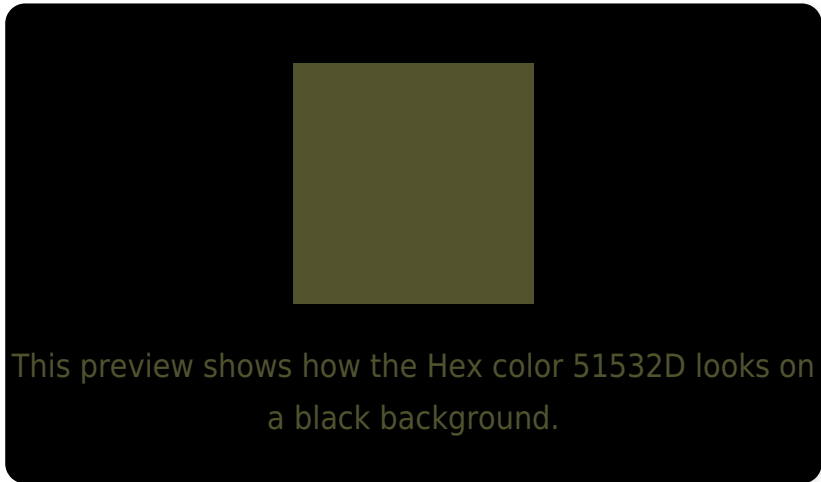
Large Text (above 18pt) WCAG AA ✓ Pass

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

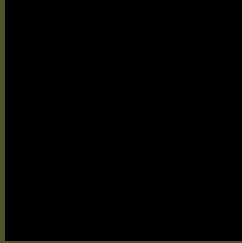
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51532D Background



This preview shows how black text looks on a background with the Hex color 51532D.



This preview shows how white text looks on a background with the Hex color 51532D.

# 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**  
51532D

**Protanopia**  
59512C

**Deuteranopia**  
624D2E



**Tritanopia**  
554E55

# Trichromacy



**Original Color**  
51532D

**Protanomaly**  
56522C

**Deuteranomaly**  
5C4F2E

**Tritanomaly**  
545046

# Monochromacy



**Original Color**  
51532D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4F5042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51532D 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 #51532D looks like.

```
.text, #text, p{  
    color:#51532D  
}
```

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 #51532D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51532D
}
```

## Border

The CSS property to change the border of an element to Hex 51532D is called "border". The border property can be set on classes, ids or directly on the HTML element.

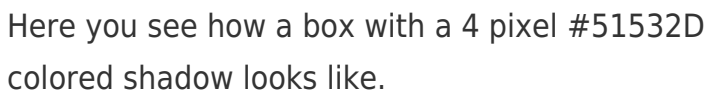
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51532D }
```

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

```
.border{ border-color:#51532D }
```

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



Here you see how a box with a 4 pixel #51532D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51532D; -webkit-box-shadow:4px 4px  
4px 4px #51532D; box-shadow:4px 4px 4px  
4px #51532D }
```

# Background

The CSS property to change the background color of an element to Hex 51532D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51532D }
```

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

```
.background{ background-color:#51532D }
```

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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