

Converting Colors

Hex(525033)

Have a look what the booklet for
Hex(525033) contains.

Hex(525033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(525033)

Conversions

Conversions Part 1

Format	Color
Hex	525033
RGB	82, 80, 51
RGB Percent	32%, 31%, 20%
CMY	0.6784, 0.6863, 0.8000
CMYK	0.00, 0.02, 0.38, 0.68
HSL	56°, 23%, 26%
HSV	56°, 38%, 32%
XYZ	6.9459, 7.7702, 4.2657
YIQ	77.2920, 10.5010, -8.5950

Conversions

Conversions Part 2

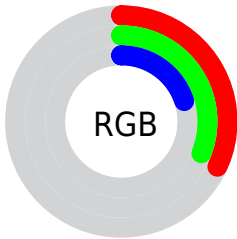
Format	Color
R_{YB}	53, 82, 51
Decimal	5394483
CIE Lab	33.50, -4.32, 17.42
CIE LCh	33, 17.945, 103.925
Yxy	7.7702, 0.3659, 0.4094
Android (android.graphics.Color)	4283584563 (0xFF525033)
YUV	77.2920, -12.9620, 4.1289
Hunter-Lab	27.8750, -4.3028, 10.4395

Details

The Hex color **525033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **333552**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **848162**, and **252406** is the 20% darker color. If you saturate the color by 10%, you get **524F2B**, and if you desaturate by 10%, it is **52513B**.

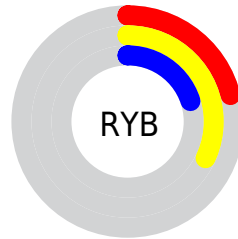
Distribution



Red (32%)

Green (31%)

Blue (20%)



Red (21%)

Yellow (32%)

Blue (20%)

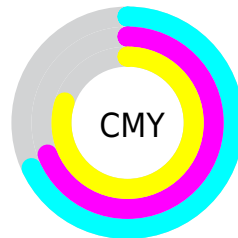


Cyan (0%)

Magenta (2%)

Yellow (38%)

Black (68%)



Cyan (68%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 525033 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 525033 by changing the saturation by 10% instead.

 525033

 525033

FFFFFF

 3B391D

 848162

 252406

 9E9B7B

 080F00

 B9B695

 000000

 D5D1AF

 F2EECB

 FFFFE7

 525033

 525033

 524F2B

 52513B

■ 524F23

■ 525143

■ 524E1A

■ 52524C

■ 524E12

■ 525254

■ 524D0A

■ 52535C

■ 524D02

■ 525364

■ 524D00

■ 52546C

■ 525475

■ 52557D

Harmonies

Analogous

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



5F4B34



525033



42543A

Triad

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



525033



215562



664557

Complementary

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



525033



333552

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.



594963



525033



31526A

Square

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



525033



235755



464E6A



6B4449

Rectangle

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



525033



375542



464E6A



62465C

Sweetspot

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



525033



6B6A5F



523335



36352F



B5B5B5



363636

Same Dimension

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



525033



6B683B



455233



292925



696200



E8D900

Inverse Universe

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



333552



3B3E6B



403352



252529



000769



000FE8

Previews

White Background



This preview shows how the Hex color 525033 looks on a white background.

Color Contrast Check

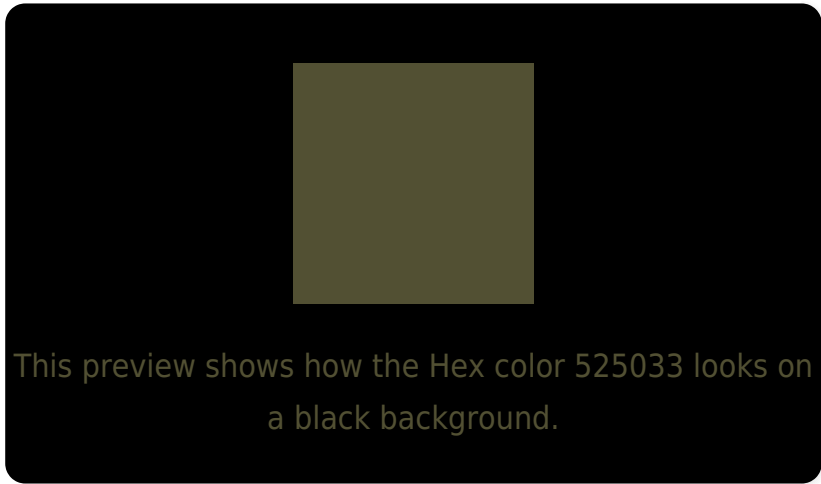
Large Text (above 18pt) WCAG AA ✓ Pass

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

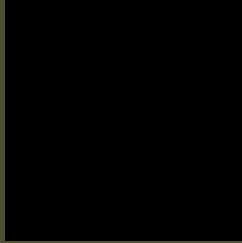
Any Text WCAG AA × Fail

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 525033 Background



This preview shows how black text looks on a background with the Hex color 525033.



This preview shows how white text looks on a background with the Hex color 525033.

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
525033

Protanopia
564F33

Deuteranopia
5F4B34



Tritanopia
564C52

Trichromacy



Original Color
525033

Protanomaly
554F33

Deuteranomaly
5A4D34

Tritanomaly
554D47

Monochromacy



Original Color
525033

Achromatopsia
4D4D4D

Achromatomaly
4F4E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 525033 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 #525033 looks like.

```
.text, #text, p{  
    color:#525033  
}
```

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 #525033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525033
}
```

Border

The CSS property to change the border of an element to Hex 525033 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".

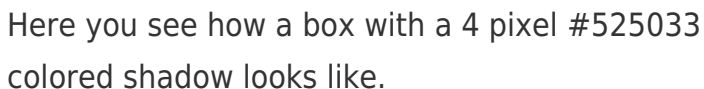
```
.border, #border, table{ border:4px solid
#525033 }
```

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

```
.border{ border-color:#525033 }
```

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

Here you see how a box with a 4 pixel #525033 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525033; -webkit-box-shadow:4px 4px  
4px 4px #525033; box-shadow:4px 4px 4px  
4px #525033 }
```

Background

The CSS property to change the background color of an element to Hex 525033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525033 }
```

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

```
.background{ background-color:#525033 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor