

Converting Colors

Hex(3D2B25)

Have a look what the booklet for
Hex(3D2B25) contains.

Hex(3D2B25)	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(3D2B25)

Conversions

Conversions Part 1

Format	Color
Hex	3D2B25
RGB	61, 43, 37
RGB Percent	24%, 17%, 15%
CMY	0.7608, 0.8314, 0.8549
CMYK	0.00, 0.30, 0.39, 0.76
HSL	15°, 24%, 19%
HSV	15°, 39%, 24%
XYZ	3.1223, 2.8534, 2.1365
YIQ	47.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

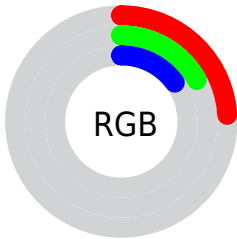
Format	Color
RYB	61, 45, 37
Decimal	4008741
CIELab	19.45, 7.34, 7.17
CIELCh	19, 10.265, 44.320
Yxy	2.8534, 0.3849, 0.3517
Android (android.graphics.Color)	4282198821 (0xFF3D2B25)
YUV	47.6980, -5.2741, 11.6659
Hunter-Lab	16.8921, 3.4322, 4.3256

Details

The Hex color **3D2B25** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25373D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6D5852**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **3D261F**, and if you desaturate by 10%, it is **3D302B**.

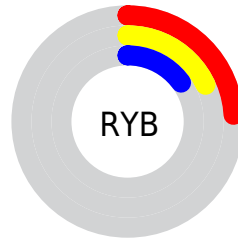
Distribution



Red (24%)

Green (17%)

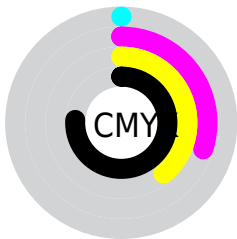
Blue (15%)



Red (24%)

Yellow (18%)

Blue (15%)

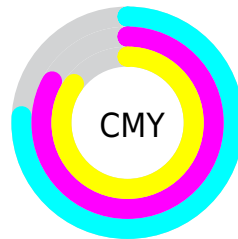


Cyan (0%)

Magenta (30%)

Yellow (39%)

Black (76%)



Cyan (76%)

Magenta (83%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2B25 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 3D2B25 by changing the saturation by 10% instead.



3D2B25



3D2B25

FFFFFF



271610



6D5852



0D0000



87716A



000000



A18A83



BCA59D



D8C0B8



F5DCD3



FFF8F0



3D2B25



3D2B25

■ 3D261F

■ 3D302B

■ 3D2219

■ 3D3431

■ 3D1D13

■ 3D3937

■ 3D190D

■ 3D3D3D

■ 3D1407

■ 3D4244

■ 3D1000

■ 3D464A

■ 3D0F00

■ 3D4B50

■ 3D5056

■ 3D545C

Harmonies

Analogous

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



3E2A2C



3D2B25



382D21

Triad

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



3D2B25



20332B



2B2F3D

Complementary

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



3D2B25



25373D

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.



21313D



3D2B25



1A3333

Square

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



3D2B25



283224



1A3339



352C3A

Rectangle

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



3D2B25



342F20



1A3339



272F3E

Sweetspot

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



3D2B25



4F4846



3D2537



292523



A8A8A8



292929

Same Dimension

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



3D2B25



4F332A



3D3725



1F1C1C



5E1800



DE3700

Inverse Universe

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



25373D



2A464F



252B3D



1C1E1F



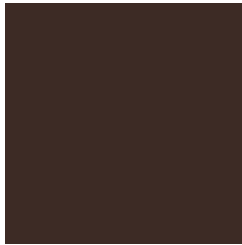
00475E



00A6DE

Previews

White Background



This preview shows how the Hex color 3D2B25 looks on a white background.

Color Contrast Check

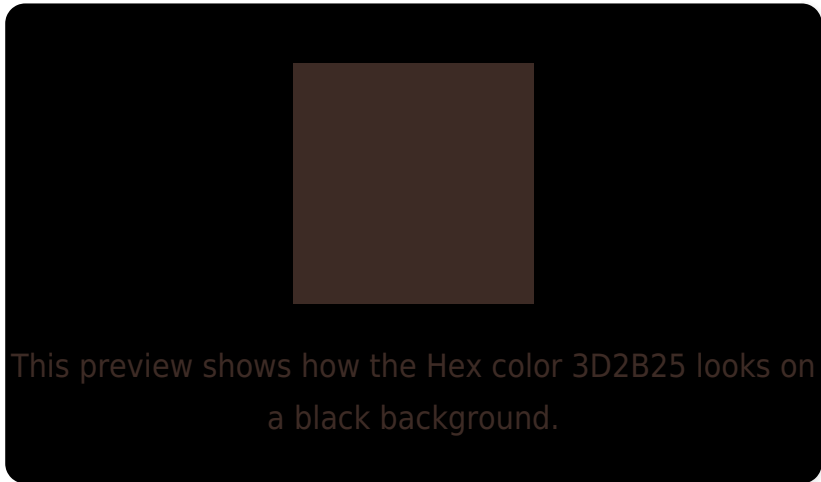
Large Text (above 18pt) WCAG AA ✓ Pass

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

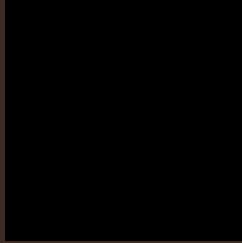
Any Text WCAG AA × Fail

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 3D2B25 Background



This preview shows how black text looks on a background with the Hex color 3D2B25.

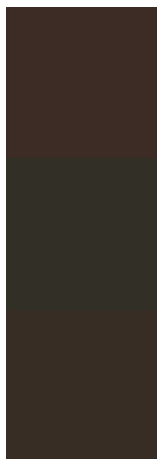


This preview shows how white text looks on a background with the Hex color 3D2B25.

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](#).

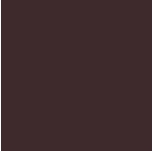
Dichromacy



Original Color
3D2B25

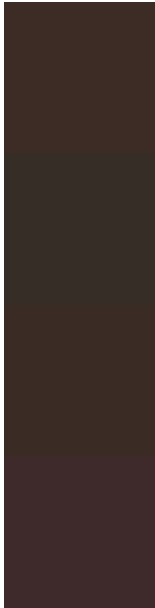
Protanopia
322F27

Deuteranopia
382D25



Tritanopia
3E2A2D

Trichromacy



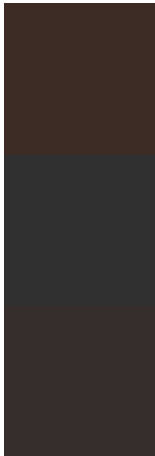
Original Color
3D2B25

Protanomaly
362E26

Deuteranomaly
3A2C25

Tritanomaly
3E2A2A

Monochromacy



Original Color
3D2B25

Achromatopsia
303030

Achromatomaly
352E2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2B25 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 #3D2B25 looks like.

```
.text, #text, p{  
    color:#3D2B25  
}
```

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 #3D2B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2B25
}
```

Border

The CSS property to change the border of an element to Hex 3D2B25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

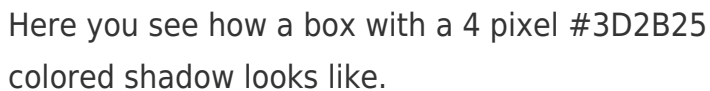
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2B25 }
```

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

```
.border{ border-color:#3D2B25 }
```

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



Here you see how a box with a 4 pixel #3D2B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2B25; -webkit-box-shadow:4px 4px  
4px 4px #3D2B25; box-shadow:4px 4px 4px  
4px #3D2B25 }
```

Background

The CSS property to change the background color of an element to Hex 3D2B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2B25 }
```

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

```
.background{ background-color:#3D2B25 }
```

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