

Converting Colors

Hex(3D3A29)

Have a look what the booklet for
Hex(3D3A29) contains.

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Color

Hex(3D3A29)

Conversions

Conversions Part 1

Format	Color
Hex	3D3A29
RGB	61, 58, 41
RGB Percent	24%, 23%, 16%
CMY	0.7608, 0.7725, 0.8392
CMYK	0.00, 0.05, 0.33, 0.76
HSL	51°, 20%, 20%
HSV	51°, 33%, 24%
XYZ	3.8378, 4.1783, 2.7020
YIQ	56.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

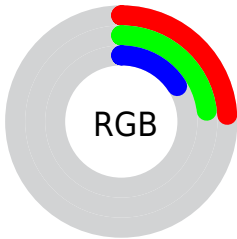
Format	Color
R_{YB}	45, 61, 41
Decimal	4012585
CIE Lab	24.25, -1.97, 11.06
CIE LCh	24, 11.238, 100.084
Yxy	4.1783, 0.3581, 0.3898
Android (android.graphics.Color)	4282202665 (0xFF3D3A29)
YUV	56.9590, -7.8678, 3.5440
Hunter-Lab	20.4409, -2.2584, 6.4712

Details

The Hex color **3D3A29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292C3D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6D6956**, and **110F00** is the 20% darker color. If you saturate the color by 10%, you get **3D3923**, and if you desaturate by 10%, it is **3D3B2F**.

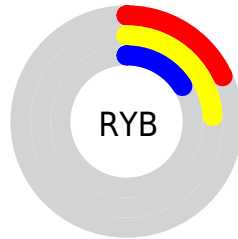
Distribution



 Red (24%)

 Green (23%)

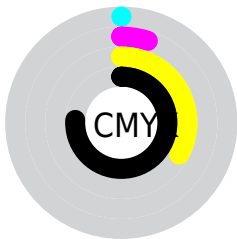
 Blue (16%)



 Red (18%)

 Yellow (24%)

 Blue (16%)

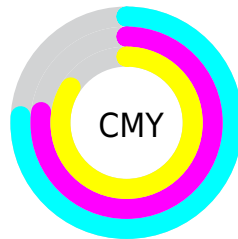


 Cyan (0%)

 Magenta (5%)

 Yellow (33%)

 Black (76%)



 Cyan (76%)

 Magenta (77%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3A29 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 3D3A29 by changing the saturation by 10% instead.



3D3A29



3D3A29

FFFFFF



272415



6D6956



110F00



86826F



000000



A09C88



BBB7A2



D7D3BD



F4EFD9



FFFFFF6



3D3A29



3D3A29

■ 3D3923

■ 3D3B2F

■ 3D381D

■ 3D3C35

■ 3D3717

■ 3D3D3B

■ 3D3611

■ 3D3E41

■ 3D350B

■ 3D3F48

■ 3D3504

■ 3D3F4E

■ 3D3400

■ 3D4054

■ 3D415A

■ 3D4260

Harmonies

Analogous

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



45372A



3D3A29



343C2D

Triad

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



3D3A29



223E44



473440

Complementary

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



3D3A29



292C3D

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.



3F3747



3D3A29



283C49

Square

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



3D3A29



233E3C



33394A



4B3437

Rectangle

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



3D3A29



2D3E31



33394A



453542

Sweetspot

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



3D3A29



4F4E47



3D292C



292824



A8A8A8



292929

Same Dimension

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



3D3A29



4F4A30



363D29



1F1E1C



5E5000



DEBD00

Inverse Universe

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



292C3D



30354F



30293D



1C1C1F



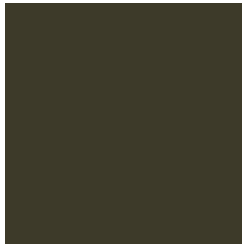
000E5E



0021DE

Previews

White Background



This preview shows how the Hex color 3D3A29 looks on a white background.

Color Contrast Check

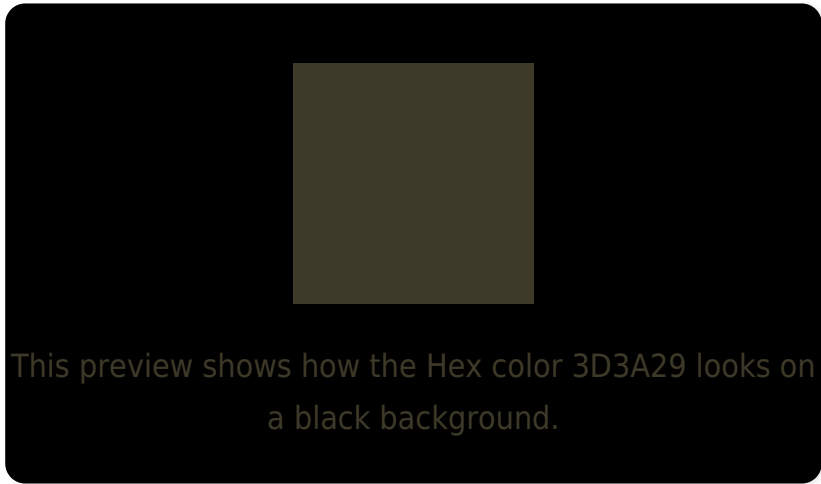
Large Text (above 18pt) WCAG AA ✓ Pass

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

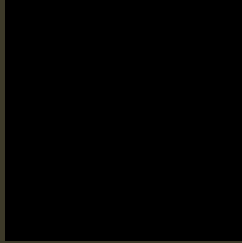
Any Text WCAG AA × Fail

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 3D3A29 Background



This preview shows how black text looks on a background with the Hex color 3D3A29.

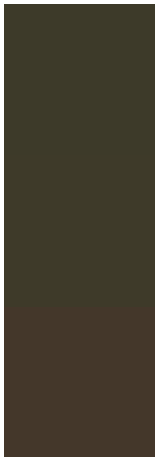


This preview shows how white text looks on a background with the Hex color 3D3A29.

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
3D3A29

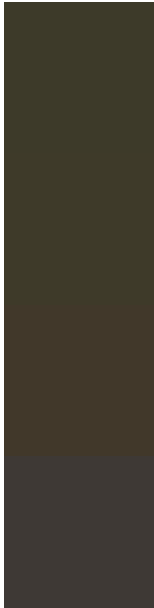
Protanopia
3E3A29

Deuteranopia
44372A



Tritanopia
3F383C

Trichromacy



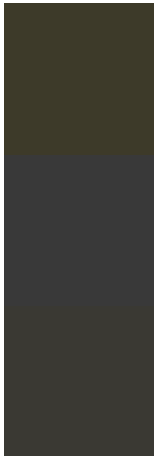
Original Color
3D3A29

Protanomaly
3E3A29

Deuteranomaly
41382A

Tritanomaly
3E3935

Monochromacy



Original Color
3D3A29

Achromatopsia
393939

Achromatomaly
3A3933

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3A29 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 #3D3A29 looks like.

```
.text, #text, p{  
    color:#3D3A29  
}
```

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 #3D3A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3A29
}
```

Border

The CSS property to change the border of an element to Hex 3D3A29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

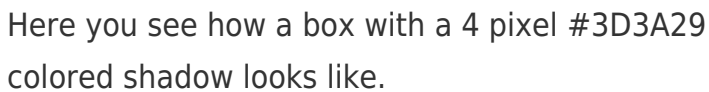
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3A29 }
```

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

```
.border{ border-color:#3D3A29 }
```

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



Here you see how a box with a 4 pixel #3D3A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3A29; -webkit-box-shadow:4px 4px  
4px 4px #3D3A29; box-shadow:4px 4px 4px  
4px #3D3A29 }
```

Background

The CSS property to change the background color of an element to Hex 3D3A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3A29 }
```

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

```
.background{ background-color:#3D3A29 }
```

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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