

Converting Colors

Hex(3D2E01)

Have a look what the booklet for
Hex(3D2E01) contains.

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Color

Hex(3D2E01)

Conversions

Conversions Part 1

Format	Color
Hex	3D2E01
RGB	61, 46, 1
RGB Percent	24%, 18%, 0%
CMY	0.7608, 0.8196, 0.9961
CMYK	0.00, 0.25, 0.98, 0.76
HSL	45°, 97%, 12%
HSV	45°, 98%, 24%
XYZ	2.9069, 2.9483, 0.4446
YIQ	45.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

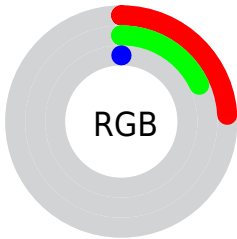
Format	Color
R_{YB}	21, 61, 1
Decimal	4009473
CIE Lab	19.84, 1.90, 27.84
CIE LCh	20, 27.905, 86.096
Yxy	2.9483, 0.4614, 0.4680
Android (android.graphics.Color)	4282199553 (0xFF3D2E01)
YUV	45.3550, -21.8670, 13.7207
Hunter-Lab	17.1706, 0.1712, 10.4843

Details

The Hex color **3D2E01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01103D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6F5C30**, and **030000** is the 20% darker color. If you saturate the color by 10%, you get **3D2E00**, and if you desaturate by 10%, it is **3D3007**.

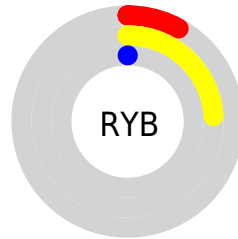
Distribution



Red (24%)

Green (18%)

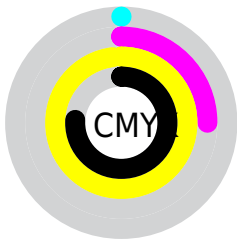
Blue (0%)



Red (8%)

Yellow (24%)

Blue (0%)

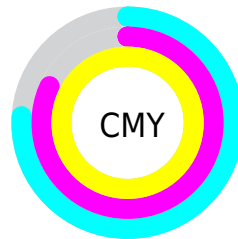


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (76%)



Cyan (76%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2E01 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 3D2E01 by changing the saturation by 10% instead.

 3D2E01

 3D2E01

 FFFFE5

 251900

 6F5C30

 030000

 897447

 000000

 A48E5F

 C0A878

 DCC392

 F9DFAD

 FFFBC8

 3D2E01

 3D2E01

■ 3D2E00

■ 3D3007

■ 3D310D

■ 3D3313

■ 3D3419

■ 3D3620

■ 3D3726

■ 3D392C

■ 3D3A32

■ 3D3C38

Harmonies

Analogous

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



4C260E



3D2E01



293406

Triad

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



3D2E01



003A41



462347

Complementary

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



3D2E01



01103D

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.



2B2C55



3D2E01



003851

Square

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



3D2E01



00392D



003359



531D33

Rectangle

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



3D2E01



183712



003359



3F264C

Sweetspot

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



3D2E01



4F4937



3D0110



29251A



A8A8A8



292929

Same Dimension

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



3D2E01



4F3B00



2E3D01



1F1E1C



5E4700



DEA600

Inverse Universe

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



01103D



00144F



10013D



1C1C1F



00185E



0037DE

Previews

White Background



This preview shows how the Hex color 3D2E01 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

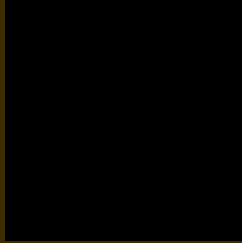
Any Text WCAG AA × Fail

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 3D2E01 Background



This preview shows how black text looks on a background with the Hex color 3D2E01.



This preview shows how white text looks on a background with the Hex color 3D2E01.

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
3D2E01

Protanopia
373103

Deuteranopia
3D2E02



Tritanopia
3F2B2E

Trichromacy



Original Color
3D2E01

Protanomaly
393002

Deuteranomaly
3D2E02

Tritanomaly
3E2C1E

Monochromacy



Original Color
3D2E01

Achromatopsia
2D2D2D

Achromatomaly
332D1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2E01 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 #3D2E01 looks like.

```
.text, #text, p{  
    color:#3D2E01  
}
```

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 #3D2E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2E01
}
```

Border

The CSS property to change the border of an element to Hex 3D2E01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

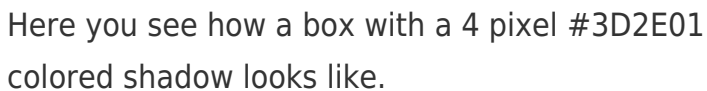
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2E01 }
```

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

```
.border{ border-color:#3D2E01 }
```

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



Here you see how a box with a 4 pixel #3D2E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2E01; -webkit-box-shadow:4px 4px  
4px 4px #3D2E01; box-shadow:4px 4px 4px  
4px #3D2E01 }
```

Background

The CSS property to change the background color of an element to Hex 3D2E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2E01 }
```

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

```
.background{ background-color:#3D2E01 }
```

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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