

Converting Colors

Hex(3C3D00)

Have a look what the booklet for
Hex(3C3D00) contains.

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Color

Hex(3C3D00)

Conversions

Conversions Part 1

Format	Color
Hex	3C3D00
RGB	60, 61, 0
RGB Percent	24%, 24%, 0%
CMY	0.7647, 0.7608, 1.0000
CMYK	0.02, 0.00, 1.00, 0.76
HSL	61°, 100%, 12%
HSV	61°, 100%, 24%
XYZ	3.5322, 4.2981, 0.6435
YIQ	53.7470, 18.9850, -19.1830

Conversions

Conversions Part 2

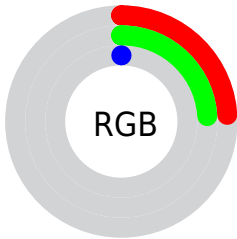
Format	Color
RYB	0, 61, 1
Decimal	3947776
CIELab	24.63, -8.29, 33.27
CIELCh	25, 34.285, 103.992
Yxy	4.2981, 0.4168, 0.5072
Android (android.graphics.Color)	4282137856 (0xFF3C3D00)
YUV	53.7470, -26.4973, 5.4839
Hunter-Lab	20.7320, -5.8689, 12.6722

Details

The Hex color **3C3D00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01003D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6E6C30**, and **041400** is the 20% darker color. If you saturate the color by 10%, you get **3C3D00**, and if you desaturate by 10%, it is **3C3D06**.

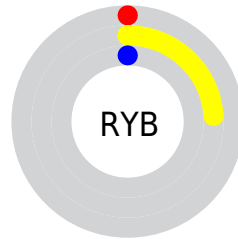
Distribution



Red (24%)

Green (24%)

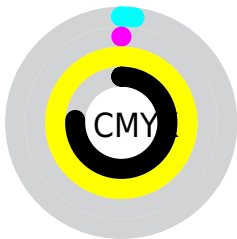
Blue (0%)



Red (0%)

Yellow (24%)

Blue (0%)

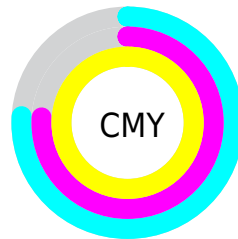


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3D00 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 3C3D00 by changing the saturation by 10% instead.

 3C3D00

 3C3D00

 FFFFE7

 252700

 6E6C30

 041400

 888548

 000000

 A39F60

 BFBA7A

 DBD694

 F8F2AF

 FFFFCB

 3C3D00

■ 3C3D06

■ 3C3D0C

■ 3C3D12

■ 3C3D18

■ 3D3D1F

■ 3D3D25

■ 3D3D2B

■ 3D3D31

■ 3D3D37

Harmonies

Analogous

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



533403



3C3D00



1E4312

Triad

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



3C3D00



00455E



622349

Complementary

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



3C3D00



01003D

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.



4B2E60



3C3D00



00416C

Square

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



3C3D00



004746



1B396D



69212F

Rectangle

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



3C3D00



004523



1B396D



5C2652

Sweetspot

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



3C3D00



4F4F37



3D0000



29291A



A8A8A8



292929

Same Dimension

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



3C3D00



4E4F00



1F3D00



1F1F1C



5D5E00



DADE00

Inverse Universe

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



01003D



01004F



1F003D



1C1C1F



02005E



0400DE

Previews

White Background



This preview shows how the Hex color 3C3D00 looks on a white background.

Color Contrast Check

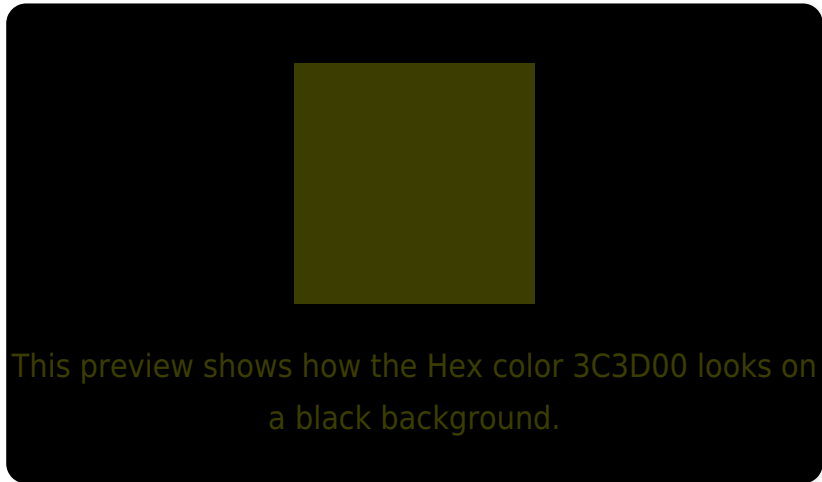
Large Text (above 18pt) WCAG AA ✓ Pass

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

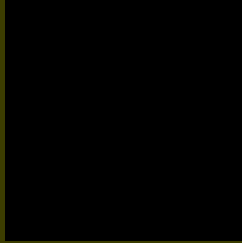
Any Text WCAG AA × Fail

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 3C3D00 Background



This preview shows how black text looks on a background with the Hex color 3C3D00.



This preview shows how white text looks on a background with the Hex color 3C3D00.

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](#).

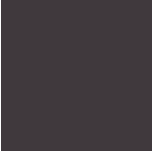
Dichromacy



Original Color
3C3D00

Protanopia
423B00

Deuteranopia
4A3809



Tritanopia
40393D

Trichromacy



Original Color
3C3D00

Protanomaly
403C00

Deuteranomaly
453A06

Tritanomaly
3F3A27

Monochromacy



Original Color
3C3D00

Achromatopsia
363636

Achromatomaly
383922

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3D00 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 #3C3D00 looks like.

```
.text, #text, p{  
    color:#3C3D00  
}
```

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 #3C3D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3D00
}
```

Border

The CSS property to change the border of an element to Hex 3C3D00 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
#3C3D00 }
```

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

```
.border{ border-color:#3C3D00 }
```

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

Here you see how a box with a 4 pixel #3C3D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3D00; -webkit-box-shadow:4px 4px  
4px 4px #3C3D00; box-shadow:4px 4px 4px  
4px #3C3D00 }
```

Background

The CSS property to change the background color of an element to Hex 3C3D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3D00 }
```

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

```
.background{ background-color:#3C3D00 }
```

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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