

Converting Colors

Hex(3D3700)

Have a look what the booklet for
Hex(3D3700) contains.

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Color

Hex(3D3700)

Conversions

Conversions Part 1

Format	Color
Hex	3D3700
RGB	61, 55, 0
RGB Percent	24%, 22%, 0%
CMY	0.7608, 0.7843, 1.0000
CMYK	0.00, 0.10, 1.00, 0.76
HSL	54°, 100%, 12%
HSV	54°, 100%, 24%
XYZ	3.2907, 3.7245, 0.5455
YIQ	50.5240, 21.2310, -15.8330

Conversions

Conversions Part 2

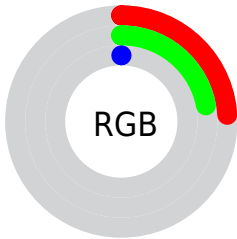
Format	Color
RYB	7, 61, 0
Decimal	4011776
CIELab	22.74, -4.02, 31.40
CIELCh	23, 31.659, 97.288
Yxy	3.7245, 0.4352, 0.4926
Android (android.graphics.Color)	4282201856 (0xFF3D3700)
YUV	50.5240, -24.9083, 9.1875
Hunter-Lab	19.2989, -3.3370, 11.8335

Details

The Hex color **3D3700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00063D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6F6630**, and **050C00** is the 20% darker color. If you saturate the color by 10%, you get **3D3700**, and if you desaturate by 10%, it is **3D3806**.

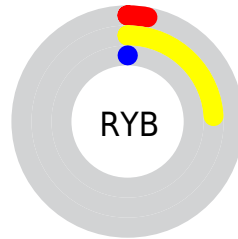
Distribution



Red (24%)

Green (22%)

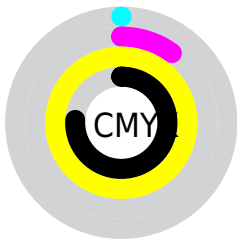
Blue (0%)



Red (3%)

Yellow (24%)

Blue (0%)

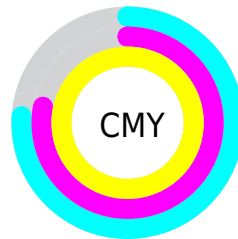


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3700 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 3D3700 by changing the saturation by 10% instead.

 3D3700

 3D3700

 FFFFE6

 262200

 6F6630

 050C00

 897E47

 000000

 A4985F

 C0B379

 DCCE93

 F9EBAE

 FFFFC9

 3D3700

■ 3D3806

■ 3D380C

■ 3D3912

■ 3D3918

■ 3D3A1F

■ 3D3B25

■ 3D3B2B

■ 3D3C31

■ 3D3C37

Harmonies

Analogous

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



502E07



3D3700



243D0D

Triad

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



3D3700



004152



572349

Complementary

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



3D3700



00063D

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.



3E2D5C



3D3700



003E62

Square

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



3D3700



00413C



063765



611F31

Rectangle

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



3D3700



083F1B



063765



512650

Sweetspot

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



3D3700



4F4D37



3D0006



29271A



A8A8A8



292929

Same Dimension

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



3D3700



4F4700



253D00



1F1E1C



5E5500



DEC800

Inverse Universe

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



00063D



00084F



18003D



1C1C1F



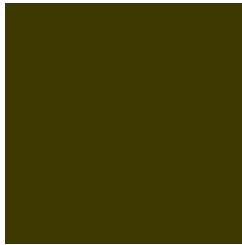
00095E



0016DE

Previews

White Background



This preview shows how the Hex color 3D3700 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

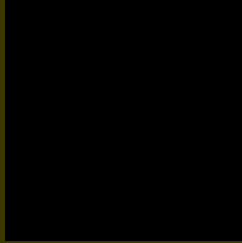
Any Text WCAG AA × Fail

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 3D3700 Background



This preview shows how black text looks on a background with the Hex color 3D3700.



This preview shows how white text looks on a background with the Hex color 3D3700.

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

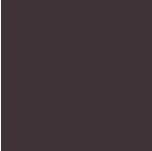
3D3700

Protanopia

3E3700

Deuteranopia

453407



Tritanopia
403337

Trichromacy



Original Color
3D3700

Protanomaly
3E3700

Deuteranomaly
423504

Tritanomaly
3F3423

Monochromacy



Original Color
3D3700

Achromatopsia
333333

Achromatomaly
373420

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3700 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 #3D3700 looks like.

```
.text, #text, p{  
    color:#3D3700  
}
```

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 #3D3700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3700
}
```

Border

The CSS property to change the border of an element to Hex 3D3700 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
#3D3700 }
```

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

```
.border{ border-color:#3D3700 }
```

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

Here you see how a box with a 4 pixel #3D3700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3700; -webkit-box-shadow:4px 4px  
4px 4px #3D3700; box-shadow:4px 4px 4px  
4px #3D3700 }
```

Background

The CSS property to change the background color of an element to Hex 3D3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3700 }
```

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

```
.background{ background-color:#3D3700 }
```

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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