

Converting Colors

Hex(3D3B0D)

Have a look what the booklet for
Hex(3D3B0D) contains.

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Color

Hex(3D3B0D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3D3B0D |
| RGB | 61, 59, 13 |
| RGB Percent | 24%, 23%, 5% |
| CMY | 0.7608, 0.7686, 0.9490 |
| CMYK | 0.00, 0.03, 0.79, 0.76 |
| HSL | 58°, 65%, 15% |
| HSV | 58°, 79%, 24% |
| XYZ | 3.5611, 4.1491, 0.9939 |
| YIQ | 54.3540, 15.9580, -13.8820 |

Conversions

Conversions Part 2

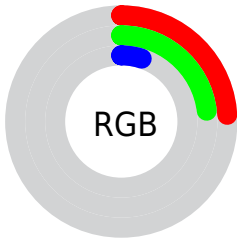
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 15, 61, 13 |
| Decimal | 4012813 |
| CIELab | 24.16, -5.79, 27.44 |
| CIElCh | 24, 28.044, 101.911 |
| Yxy | 4.1491, 0.4091, 0.4767 |
| Android (android.graphics.Color) | 4282202893 (0xFF3D3B0D) |
| YUV | 54.3540, -20.3875, 5.8285 |
| Hunter-Lab | 20.3693, -4.4399, 11.3654 |

Details

The Hex color **3D3B0D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D0F3D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6E6A3A**, and **081100** is the 20% darker color. If you saturate the color by 10%, you get **3D3B07**, and if you desaturate by 10%, it is **3D3B13**.

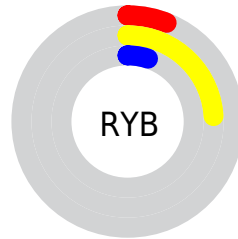
Distribution



 Red (24%)

 Green (23%)

 Blue (5%)



 Red (6%)

 Yellow (24%)

 Blue (5%)

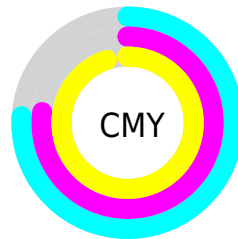


 Cyan (0%)

 Magenta (3%)

 Yellow (79%)

 Black (76%)



 Cyan (76%)

 Magenta (77%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3B0D 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 3D3B0D by changing the saturation by 10% instead.

 3D3B0D

 3D3B0D

 FFFFF1

 272500

 6E6A3A

 081100

 888352

 000000

 A39D6A

 BFB884

 DBD49E

 F8F0B9

 FFFFD5

 3D3B0D

 3D3B0D

■ 3D3B07

■ 3D3B13

■ 3D3A01

■ 3D3C19

■ 3D3A00

■ 3D3C1F

■ 3D3C25

■ 3D3C2C

■ 3D3D32

■ 3D3D38

■ 3D3D3E

■ 3D3D44

Harmonies

Analogous

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



4F3410



3D3B0D



264018

Triad

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



3D3B0D



004355



592947

Complementary

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



3D3B0D



0D0F3D

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.



463059



3D3B0D



003F61

Square

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



3D3B0D



004441



223963



602732

Rectangle

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



3D3B0D



0F4225



223963



542B4E

Sweetspot

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



3D3B0D



4F4E3C



3D0D0F



29281D



A8A8A8



292929

Same Dimension

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



3D3B0D



4F4C05



273D0D



1F1E1C



5E5A00



DED500

Inverse Universe

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



0D0F3D



05084F



230D3D



1C1C1F



00045E



0009DE

Previews

White Background



This preview shows how the Hex color 3D3B0D looks on a white background.

Color Contrast Check

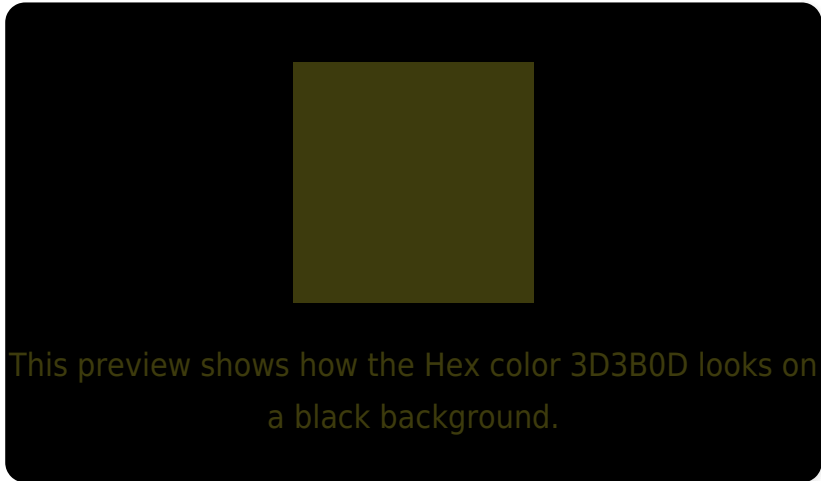
Large Text (above 18pt) WCAG AA ✓ Pass

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

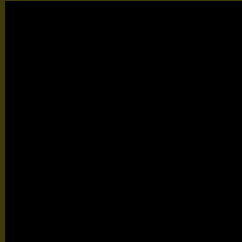
Any Text WCAG AA × Fail

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 3D3B0D Background



This preview shows how black text looks on a background with the Hex color 3D3B0D.



This preview shows how white text looks on a background with the Hex color 3D3B0D.

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
3D3B0D

Protanopia
413A0D

Deuteranopia
48370F



Tritanopia
41373B

Trichromacy



Original Color
3D3B0D

Protanomaly
403A0D

Deuteranomaly
44380E

Tritanomaly
40382A

Monochromacy



Original Color
3D3B0D

Achromatopsia
363636

Achromatomaly
393827

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3B0D 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 #3D3B0D looks like.

```
.text, #text, p{  
    color:#3D3B0D  
}
```

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 #3D3B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3B0D  
}
```

Border

The CSS property to change the border of an element to Hex 3D3B0D 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  
#3D3B0D }
```

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

```
.border{ border-color:#3D3B0D }
```

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

Here you see how a box with a 4 pixel #3D3B0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3B0D; -webkit-box-shadow:4px 4px  
4px 4px #3D3B0D; box-shadow:4px 4px 4px  
4px #3D3B0D }
```

Background

The CSS property to change the background color of an element to Hex 3D3B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3B0D }
```

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

```
.background{ background-color:#3D3B0D }
```

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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