

Converting Colors

Hex(3D3B17)

Have a look what the booklet for
Hex(3D3B17) contains.

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Color

Hex(3D3B17)

Conversions

Conversions Part 1

Format	Color
Hex	3D3B17
RGB	61, 59, 23
RGB Percent	24%, 23%, 9%
CMY	0.7608, 0.7686, 0.9098
CMYK	0.00, 0.03, 0.62, 0.76
HSL	57°, 45%, 16%
HSV	57°, 62%, 24%
XYZ	3.6431, 4.1819, 1.4258
YIQ	55.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

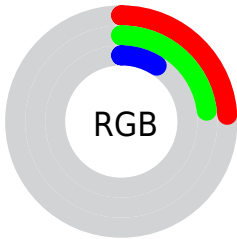
Format	Color
R_{YB}	25, 61, 23
Decimal	4012823
CIE Lab	24.26, -4.97, 22.28
CIE LCh	24, 22.827, 102.571
Yxy	4.1819, 0.3938, 0.4521
Android (android.graphics.Color)	4282202903 (0xFF3D3B17)
YUV	55.4940, -16.0195, 4.8288
Hunter-Lab	20.4497, -3.9873, 10.1810

Details

The Hex color **3D3B17** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17193D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6E6A43**, and **0B1100** is the 20% darker color. If you saturate the color by 10%, you get **3D3B11**, and if you desaturate by 10%, it is **3D3B1D**.

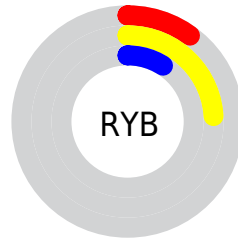
Distribution



 Red (24%)

 Green (23%)

 Blue (9%)



 Red (10%)

 Yellow (24%)

 Blue (9%)

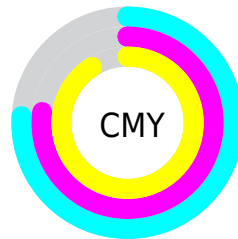


 Cyan (0%)


 Magenta (3%)

 Yellow (62%)

 Black (76%)



 Cyan (76%)

 Magenta (77%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3B17 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 3D3B17 by changing the saturation by 10% instead.

 3D3B17

 3D3B17

FFFFFFC

 272500

 6E6A43

 0B1100

 87835B

 000000

 A29D74

 BDB88E

 D9D4A8

 F6F0C4

 FFFFEO

 3D3B17

 3D3B17

■ 3D3B11

■ 3D3B1D

■ 3D3A0B

■ 3D3C23

■ 3D3A05

■ 3D3C29

■ 3D3A00

■ 3D3C2F

■ 3D3D36

■ 3D3D3C

■ 3D3D42

■ 3D3E48

■ 3D3E4E

Harmonies

Analogous

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



4C3519



3D3B17



2A3F20

Triad

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



3D3B17



004150



542D44

Complementary

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



3D3B17



17193D

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.



443253



3D3B17



003E5A

Square

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



3D3B17



004241



2A395B



5A2B33

Rectangle

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



3D3B17



1A4129



2A395B



502E4A

Sweetspot

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



3D3B17



4F4E40



3D171A



29281F



A8A8A8



292929

Same Dimension

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



3D3B17



4F4C14



2D3D17



1F1E1C



5E5900



DED200

Inverse Universe

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



17193D



14174F



27173D



1C1C1F



00055E



000CDE

Previews

White Background



This preview shows how the Hex color 3D3B17 looks on a white background.

Color Contrast Check

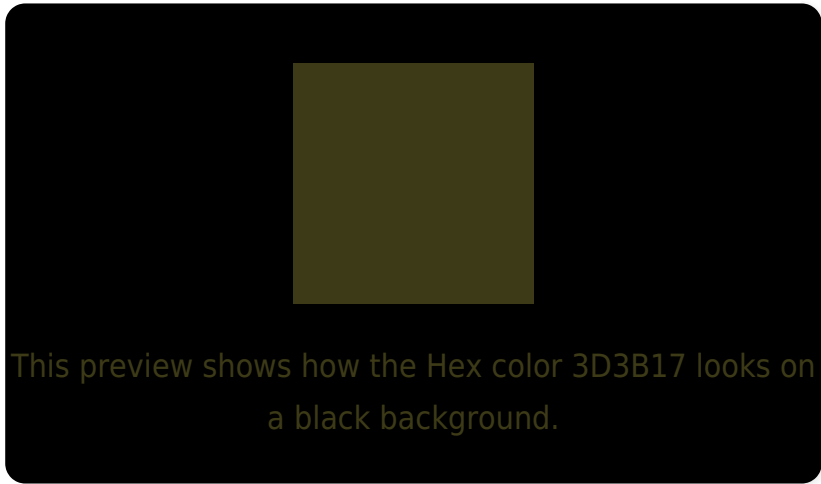
Large Text (above 18pt) WCAG AA ✓ Pass

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

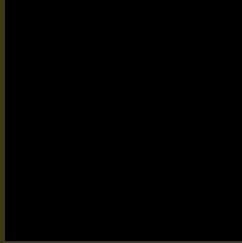
Any Text WCAG AA × Fail

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 3D3B17 Background



This preview shows how black text looks on a background with the Hex color 3D3B17.

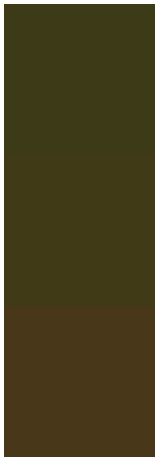


This preview shows how white text looks on a background with the Hex color 3D3B17.

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
3D3B17

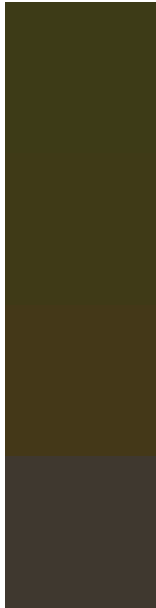
Protanopia
403A17

Deuteranopia
483718



Tritanopia
40373C

Trichromacy



Original Color
3D3B17

Protanomaly
3F3A17

Deuteranomaly
443818

Tritanomaly
3F382F

Monochromacy



Original Color
3D3B17

Achromatopsia
373737

Achromatomaly
39382B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3B17 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 #3D3B17 looks like.

```
.text, #text, p{  
    color:#3D3B17  
}
```

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 #3D3B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3B17
}
```

Border

The CSS property to change the border of an element to Hex 3D3B17 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
#3D3B17 }
```

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

```
.border{ border-color:#3D3B17 }
```

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

Here you see how a box with a 4 pixel #3D3B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3B17; -webkit-box-shadow:4px 4px  
4px 4px #3D3B17; box-shadow:4px 4px 4px  
4px #3D3B17 }
```

Background

The CSS property to change the background color of an element to Hex 3D3B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3B17 }
```

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

```
.background{ background-color:#3D3B17 }
```

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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