

Converting Colors

Hex(3A3303)

Have a look what the booklet for
Hex(3A3303) contains.

| | |
|--|----|
| Hex(3A3303) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(3A3303)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3A3303 |
| RGB | 58, 51, 3 |
| RGB Percent | 23%, 20%, 1% |
| CMY | 0.7725, 0.8000, 0.9882 |
| CMYK | 0.00, 0.12, 0.95, 0.77 |
| HSL | 52°, 90%, 12% |
| HSV | 52°, 95%, 23% |
| XYZ | 2.9452, 3.2738, 0.5628 |
| YIQ | 47.6210, 19.5800, -13.4440 |

Conversions

Conversions Part 2

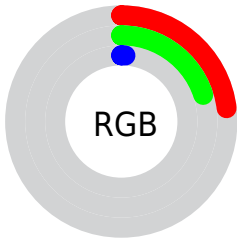
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 11, 58, 3 |
| Decimal | 3814147 |
| CIELab | 21.11, -2.90, 28.34 |
| CIELCh | 21, 28.492, 95.850 |
| Yxy | 3.2738, 0.4343, 0.4827 |
| Android (android.graphics.Color) | 4282004227 (0xFF3A3303) |
| YUV | 47.6210, -21.9982, 9.1024 |
| Hunter-Lab | 18.0936, -2.6083, 10.8212 |

Details

The Hex color **3A3303** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030A3A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6B6132**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **3A3300**, and if you desaturate by 10%, it is **3A3409**.

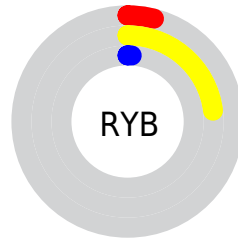
Distribution



Red (23%)

Green (20%)

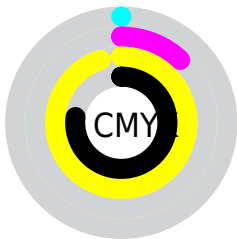
Blue (1%)



Red (4%)

Yellow (23%)

Blue (1%)

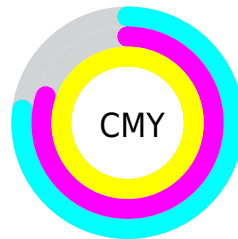


Cyan (0%)

Magenta (12%)

Yellow (95%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3303 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 3A3303 by changing the saturation by 10% instead.

 3A3303

 3A3303


 FFFFE7

 231E00

 6B6132

 000600

 857A49

 000000

 A09461

 BCAE7A

 D8C994

 F5E5AF

 FFFFCB

 3A3303

 3A3303

■ 3A3300

■ 3A3409

■ 3A340F

■ 3A3514

■ 3A361A

■ 3A3720

■ 3A3726

■ 3A382C

■ 3A3931

■ 3A3A37

Harmonies

Analogous

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



4B2B0A



3A3303



24380E

Triad

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



3A3303



003C4B



4F2344

Complementary

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



3A3303



030A3A

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.



392B55



3A3303



003959

Square

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



3A3303



003D36



09345D



581F2F

Rectangle

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



3A3303



0F3B1A



09345D



49254B

Sweetspot

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



3A3303



4D4A37



3A030A



262519



A6A6A6



262626

Same Dimension

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



3A3303



4D4300



263A03



1C1C19



5C5000



DBBF00

Inverse Universe

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



030A3A



000A4D



17033A



191A1C



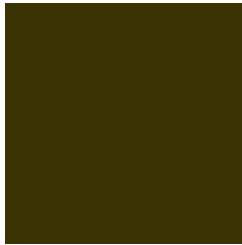
000C5C



001CDB

Previews

White Background



This preview shows how the Hex color 3A3303 looks on a white background.

Color Contrast Check

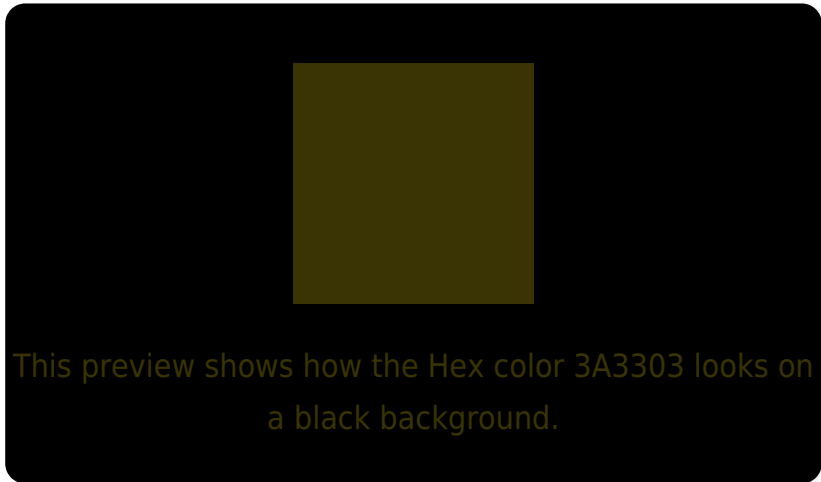
Large Text (above 18pt) WCAG AA ✓ Pass

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

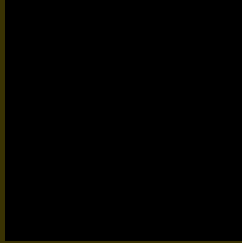
Any Text WCAG AA × Fail

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 3A3303 Background



This preview shows how black text looks on a background with the Hex color 3A3303.



This preview shows how white text looks on a background with the Hex color 3A3303.

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
3A3303

Protanopia
3A3303

Deuteranopia
403007



Tritanopia
3D2F33

Trichromacy



Original Color
3A3303

Protanomaly
3A3303

Deuteranomaly
3E3106

Tritanomaly
3C3022

Monochromacy



Original Color
3A3303

Achromatopsia
303030

Achromatomaly
343120

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3303 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 #3A3303 looks like.

```
.text, #text, p{  
    color:#3A3303  
}
```

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 #3A3303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3303
}
```

Border

The CSS property to change the border of an element to Hex 3A3303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

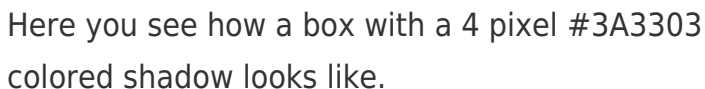
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3303 }
```

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

```
.border{ border-color:#3A3303 }
```

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



Here you see how a box with a 4 pixel #3A3303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3303; -webkit-box-shadow:4px 4px  
4px 4px #3A3303; box-shadow:4px 4px 4px  
4px #3A3303 }
```

Background

The CSS property to change the background color of an element to Hex 3A3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3303 }
```

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

```
.background{ background-color:#3A3303 }
```

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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