

Converting Colors

Hex(3A400A)

Have a look what the booklet for
Hex(3A400A) contains.

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Color

Hex(3A400A)

Conversions

Conversions Part 1

Format	Color
Hex	3A400A
RGB	58, 64, 10
RGB Percent	23%, 25%, 4%
CMY	0.7725, 0.7490, 0.9608
CMYK	0.09, 0.00, 0.84, 0.75
HSL	67°, 73%, 15%
HSV	67°, 84%, 25%
XYZ	3.6331, 4.5882, 0.9813
YIQ	56.0500, 13.7580, -18.0660

Conversions

Conversions Part 2

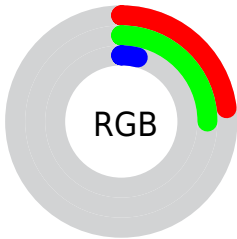
Format	Color
RYB	10, 64, 16
Decimal	3817482
CIELab	25.53, -10.57, 29.98
CIELCh	26, 31.788, 109.423
Yxy	4.5882, 0.3948, 0.4986
Android (android.graphics.Color)	4282007562 (0xFF3A400A)
YUV	56.0500, -22.7026, 1.7102
Hunter-Lab	21.4202, -7.2097, 12.2780

Details

The Hex color **3A400A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100A40**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6B7038**, and **041700** is the 20% darker color. If you saturate the color by 10%, you get **394004**, and if you desaturate by 10%, it is **3B4010**.

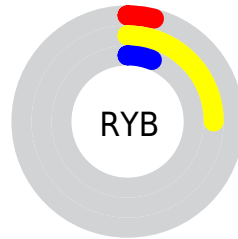
Distribution



 Red (23%)

 Green (25%)

 Blue (4%)




 Red (4%)

 Yellow (25%)

 Blue (6%)

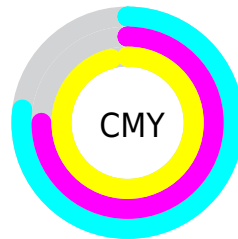


 Cyan (9%)

 Magenta (0%)

 Yellow (84%)

 Black (75%)



 Cyan (77%)

 Magenta (75%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A400A 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 3A400A by changing the saturation by 10% instead.

 3A400A

 3A400A

 FFFFF0

 242A00

 6B7038

 041700

 858950

 000000

 A0A369

 BBBE82

 D7DA9D

 F4F6B8

 FFFFD4

 3A400A

 3A400A

■ 394004

■ 3B4010

■ 394000

■ 3B4017

■ 3C401D

■ 3D4024

■ 3E402A

■ 3E4030

■ 3F4037

■ 40403D

■ 404044

Harmonies

Analogous

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



503809



3A400A



1D451B

Triad

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



3A400A



004661



642746

Complementary

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



3A400A



100A40

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.



512F5C



3A400A



00426C

Square

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



3A400A



00484C



2D3A6A



68272E

Rectangle

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



3A400A



00472B



2D3A6A



5F294E

Sweetspot

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



3A400A



52543F



400F0A



2A2B1E



ABABAB



2B2B2B

Same Dimension

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



3A400A



4B5400



20400A



21211E



566100



C7E000

Inverse Universe

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



100A40



090054



2A0A40



1E1E21



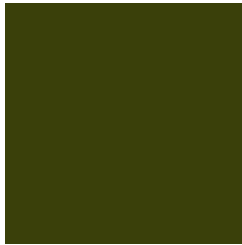
0B0061



1900E0

Previews

White Background



This preview shows how the Hex color 3A400A looks on a white background.

Color Contrast Check

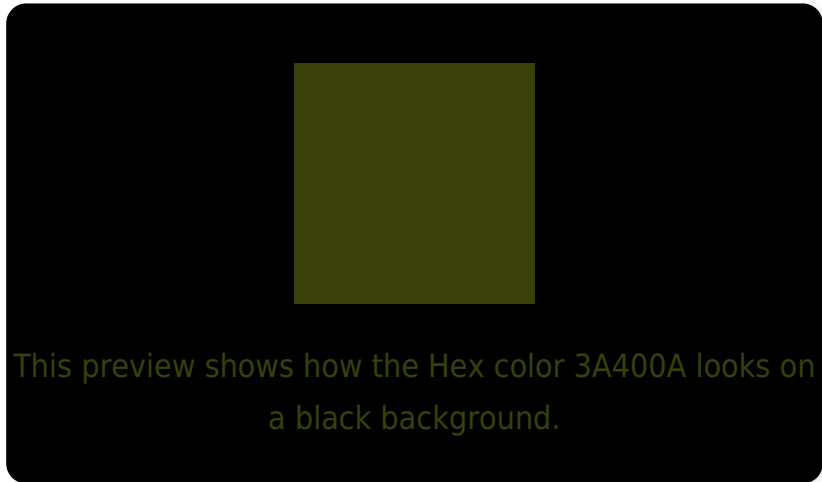
Large Text (above 18pt) WCAG AA ✓ Pass

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

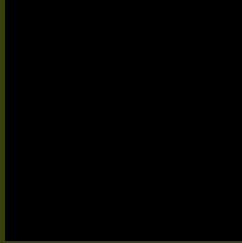
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

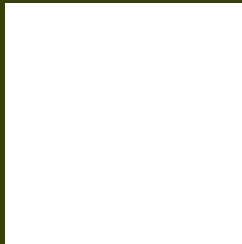
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A400A Background



This preview shows how black text looks on a background with the Hex color 3A400A.



This preview shows how white text looks on a background with the Hex color 3A400A.

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
3A400A

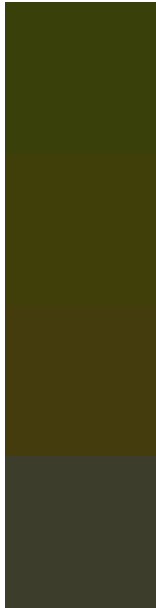
Protanopia
443D09

Deuteranopia
4C390E



Tritanopia
3F3C40

Trichromacy



Original Color
3A400A

Protanomaly
403E09

Deuteranomaly
453C0D

Tritanomaly
3D3D2C

Monochromacy



Original Color
3A400A

Achromatopsia
383838

Achromatomaly
393B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A400A 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 #3A400A looks like.

```
.text, #text, p{  
    color:#3A400A  
}
```

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 #3A400A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A400A
}
```

Border

The CSS property to change the border of an element to Hex 3A400A 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".

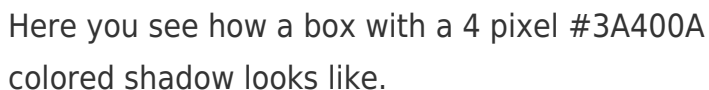
```
.border, #border, table{ border:4px solid
#3A400A }
```

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

```
.border{ border-color:#3A400A }
```

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

Here you see how a box with a 4 pixel #3A400A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A400A; -webkit-box-shadow:4px 4px  
4px 4px #3A400A; box-shadow:4px 4px 4px  
4px #3A400A }
```

Background

The CSS property to change the background color of an element to Hex 3A400A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A400A }
```

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

```
.background{ background-color:#3A400A }
```

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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