

Converting Colors

Hex(3A3C06)

Have a look what the booklet for
Hex(3A3C06) contains.

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Color

Hex(3A3C06)

Conversions

Conversions Part 1

Format	Color
Hex	3A3C06
RGB	58, 60, 6
RGB Percent	23%, 24%, 2%
CMY	0.7725, 0.7647, 0.9765
CMYK	0.03, 0.00, 0.90, 0.76
HSL	62°, 82%, 13%
HSV	62°, 90%, 24%
XYZ	3.3937, 4.1444, 0.7934
YIQ	53.2460, 16.1420, -17.2180

Conversions

Conversions Part 2

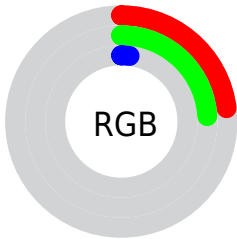
Format	Color
RYB	6, 60, 8
Decimal	3816454
CIELab	24.14, -8.39, 30.28
CIELCh	24, 31.418, 105.483
Yxy	4.1444, 0.4073, 0.4974
Android (android.graphics.Color)	4282006534 (0xFF3A3C06)
YUV	53.2460, -23.2923, 4.1693
Hunter-Lab	20.3578, -5.8702, 11.9398

Details

The Hex color **3A3C06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **08063C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6B6B35**, and **011300** is the 20% darker color. If you saturate the color by 10%, you get **3A3C00**, and if you desaturate by 10%, it is **3A3C0C**.

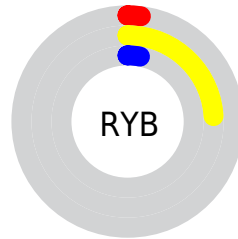
Distribution



Red (23%)

Green (24%)

Blue (2%)



Red (2%)

Yellow (24%)

Blue (3%)

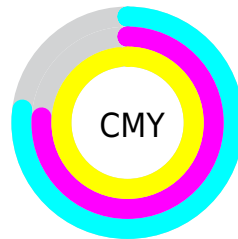


Cyan (3%)

Magenta (0%)

Yellow (90%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3C06 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 3A3C06 by changing the saturation by 10% instead.

 3A3C06

 3A3C06

 FFFFEC

 242600

 6B6B35

 011300

 85844C

 000000

 A09E65

 BBB97E

 D8D598

 F4F1B3

 FFFFCE

 3A3C06

 3A3C06

■ 3A3C00

■ 3A3C0C

■ 3A3C12

■ 3B3C18

■ 3B3C1E

■ 3B3C24

■ 3B3C2A

■ 3C3C30

■ 3C3C36

■ 3C3C3C

Harmonies

Analogous

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



4F3408



3A3C06



1F4116

Triad

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



3A3C06



00435B



5E2546

Complementary

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



3A3C06



08063C

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.



4A2E5B



3A3C06



003F67

Square

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



3A3C06



004545



233867



64232E

Rectangle

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



3A3C06



004325



233867



59274D

Sweetspot

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



3A3C06



4E4F3A



3C0806



28291C



A8A8A8



292929

Same Dimension

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



3A3C06



4C4F00



1F3C06



1E1F1C



5B5E00



D6DE00

Inverse Universe

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



08063C



03004F



23063C



1C1C1F



03005E



0800DE

Previews

White Background



This preview shows how the Hex color 3A3C06 looks on a white background.

Color Contrast Check

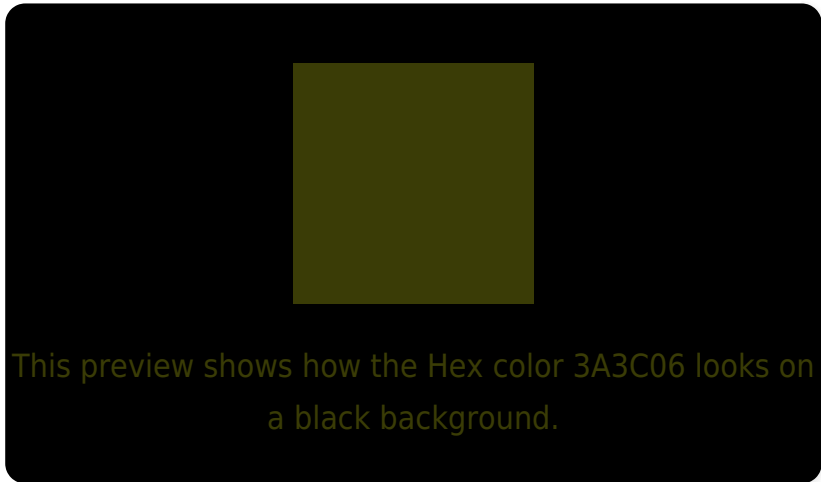
Large Text (above 18pt) WCAG AA ✓ Pass

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

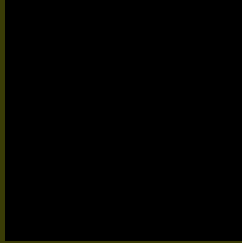
Any Text WCAG AA × Fail

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 3A3C06 Background



This preview shows how black text looks on a background with the Hex color 3A3C06.



This preview shows how white text looks on a background with the Hex color 3A3C06.

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
3A3C06

Protanopia
413A05

Deuteranopia
49370B



Tritanopia
3E383C

Trichromacy



Original Color
3A3C06

Protanomaly
3E3B05

Deuteranomaly
443909

Tritanomaly
3D3928

Monochromacy



Original Color
3A3C06

Achromatopsia
353535

Achromatomaly
373824

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3C06 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 #3A3C06 looks like.

```
.text, #text, p{  
    color:#3A3C06  
}
```

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 #3A3C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3C06
}
```

Border

The CSS property to change the border of an element to Hex 3A3C06 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
#3A3C06 }
```

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

```
.border{ border-color:#3A3C06 }
```

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

Here you see how a box with a 4 pixel #3A3C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3C06; -webkit-box-shadow:4px 4px  
4px 4px #3A3C06; box-shadow:4px 4px 4px  
4px #3A3C06 }
```

Background

The CSS property to change the background color of an element to Hex 3A3C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3C06 }
```

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

```
.background{ background-color:#3A3C06 }
```

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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