

Converting Colors

Hex(3A3F00)

Have a look what the booklet for
Hex(3A3F00) contains.

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Color

Hex(3A3F00)

Conversions

Conversions Part 1

Format	Color
Hex	3A3F00
RGB	58, 63, 0
RGB Percent	23%, 25%, 0%
CMY	0.7725, 0.7529, 1.0000
CMYK	0.08, 0.00, 1.00, 0.75
HSL	65°, 100%, 12%
HSV	65°, 100%, 25%
XYZ	3.5224, 4.4546, 0.6742
YIQ	54.3230, 17.2430, -20.6530

Conversions

Conversions Part 2

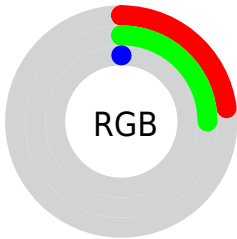
Format	Color
RYB	0, 63, 5
Decimal	3817216
CIELab	25.12, -10.54, 33.67
CIELCh	25, 35.281, 107.388
Yxy	4.4546, 0.4072, 0.5149
Android (android.graphics.Color)	4282007296 (0xFF3A3F00)
YUV	54.3230, -26.7812, 3.2247
Hunter-Lab	21.1058, -7.1446, 12.8802

Details

The Hex color **3A3F00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **05003F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6C6E30**, and **011600** is the 20% darker color. If you saturate the color by 10%, you get **3A3F00**, and if you desaturate by 10%, it is **3A3F06**.

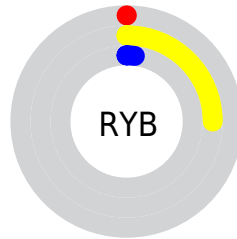
Distribution



Red (23%)

Green (25%)

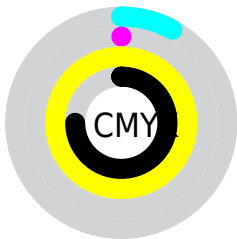
Blue (0%)



Red (0%)

Yellow (25%)

Blue (2%)

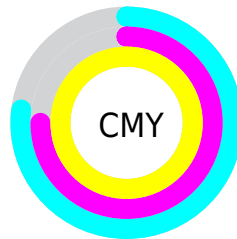


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (77%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3F00 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 3A3F00 by changing the saturation by 10% instead.

 3A3F00

 3A3F00

 FFFFE7

 232900

 6C6E30

 011600

 868848

 000000

 A0A261

 BCBD7A

 D8D994

 F5F5AF

 FFFFCB

 3A3F00

■ 3A3F06

■ 3B3F0D

■ 3B3F13

■ 3C3F19

■ 3D3F20

■ 3D3F26

■ 3E3F2C

■ 3E3F32

■ 3F3F39

Harmonies

Analogous

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



523601



3A3F00



194415

Triad

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



3A3F00



004662



662348

Complementary

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



3A3F00



05003F

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.



502D60



3A3F00



004270

Square

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



3A3F00



00484B



23396F



6B222D

Rectangle

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



3A3F00



004726



23396F



602551

Sweetspot

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



3A3F00



505239



3F0400



28291A



A8A8A8



292929

Same Dimension

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



3A3F00



4B5200



1B3F00



1E1F1C



575E00



CCDE00

Inverse Universe

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



05003F



060052



24003F



1C1C1F



07005E



1200DE

Previews

White Background



This preview shows how the Hex color 3A3F00 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

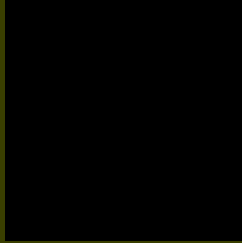
Any Text WCAG AA × Fail

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 3A3F00 Background



This preview shows how black text looks on a background with the Hex color 3A3F00.



This preview shows how white text looks on a background with the Hex color 3A3F00.

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
3A3F00

Protanopia
433C00

Deuteranopia
4B390A



Tritanopia
3F3B3F

Trichromacy



Original Color
3A3F00

Protanomaly
403D00

Deuteranomaly
453B06

Tritanomaly
3D3C28

Monochromacy



Original Color
3A3F00

Achromatopsia
363636

Achromatomaly
373922

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3F00 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 #3A3F00 looks like.

```
.text, #text, p{  
    color:#3A3F00  
}
```

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 #3A3F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3F00
}
```

Border

The CSS property to change the border of an element to Hex 3A3F00 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".

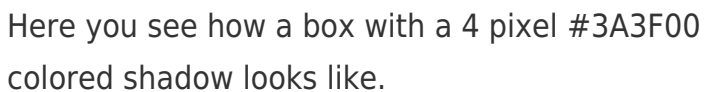
```
.border, #border, table{ border:4px solid
#3A3F00 }
```

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

```
.border{ border-color:#3A3F00 }
```

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

Here you see how a box with a 4 pixel #3A3F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3F00; -webkit-box-shadow:4px 4px  
4px 4px #3A3F00; box-shadow:4px 4px 4px  
4px #3A3F00 }
```

Background

The CSS property to change the background color of an element to Hex 3A3F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3F00 }
```

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

```
.background{ background-color:#3A3F00 }
```

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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