

Converting Colors

Hex(3A0800)

Have a look what the booklet for
Hex(3A0800) contains.

Hex(3A0800)	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(3A0800)

Conversions

Conversions Part 1

Format	Color
Hex	3A0800
RGB	58, 8, 0
RGB Percent	23%, 3%, 0%
CMY	0.7725, 0.9686, 1.0000
CMYK	0.00, 0.86, 1.00, 0.77
HSL	8°, 100%, 11%
HSV	8°, 100%, 23%
XYZ	1.8318, 1.0732, 0.1106
YIQ	22.0380, 32.3680, 8.1120

Conversions

Conversions Part 2

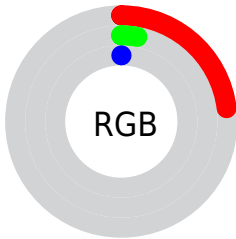
Format	Color
R _Y B	58, 9, 0
Decimal	3803136
CIE Lab	9.59, 23.77, 14.95
CIE LCh	10, 28.075, 32.168
Yxy	1.0732, 0.6074, 0.3559
Android (android.graphics.Color)	4281993216 (0xFF3A0800)
YUV	22.0380, -10.8647, 31.5387
Hunter-Lab	10.3596, 13.4327, 6.6187

Details

The Hex color **3A0800** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00323A**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **6D3630**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A0800**, and if you desaturate by 10%, it is **3A0D06**.

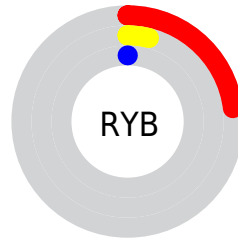
Distribution



Red (23%)

Green (3%)

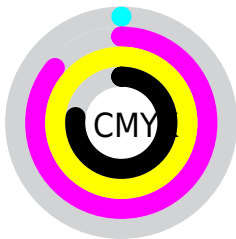
Blue (0%)



Red (23%)

Yellow (4%)

Blue (0%)

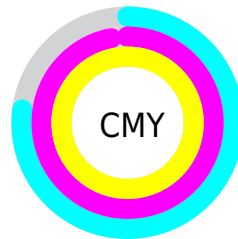


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0800 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 3A0800 by changing the saturation by 10% instead.

 3A0800

 3A0800

 FFEDE2

 240001

 6D3630

 000000

 884D46

 A3665E

 BF7F76

 DC9990

 F9B4AB

 FFD0C6

 3A0800

■ 3A0D06

■ 3A120C

■ 3A1711

■ 3A1C17

■ 3A211D

■ 3A2623

■ 3A2B29

■ 3A302E

■ 3A3534

Harmonies

Analogous

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



3B041A



3A0800



301300

Triad

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



3A0800



002202



001D41

Complementary

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



3A0800



00323A

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.



00213C



3A0800



00241B

Square

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



3A0800



0E1F00



00232E



1B153B

Rectangle

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



3A0800



271800



00232E



001F40

Sweetspot

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



3A0800



4D3936



3A0032



261A18



A6A6A6



262626

Same Dimension

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



3A0800



4D0B00



3A2500



1C1A19



5C0D00



DB1E00

Inverse Universe

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



00323A



00424D



00153A



191C1C



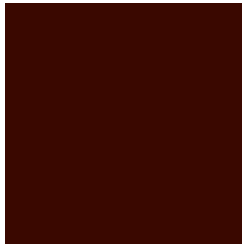
004F5C



00BDDB

Previews

White Background



This preview shows how the Hex color 3A0800 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

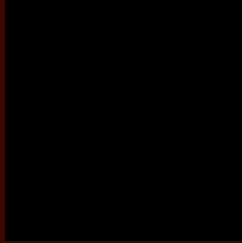
Any Text WCAG AA × Fail

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 3A0800 Background



This preview shows how black text looks on a background with the Hex color 3A0800.

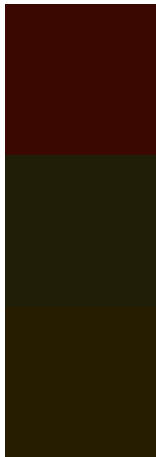


This preview shows how white text looks on a background with the Hex color 3A0800.

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
3A0800

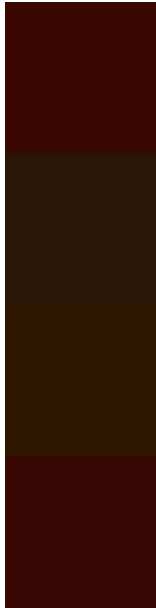
Protanopia
211E07

Deuteranopia
261C00



Tritanopia
3A0807

Trichromacy



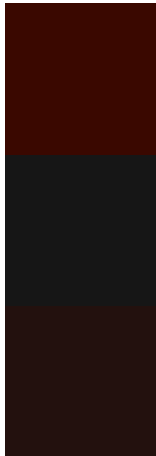
Original Color
3A0800

Protanomaly
2A1604

Deuteranomaly
2D1500

Tritanomaly
3A0804

Monochromacy



Original Color
3A0800

Achromatopsia
161616

Achromatomaly
23110E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0800 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 #3A0800 looks like.

```
.text, #text, p{  
    color:#3A0800  
}
```

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 #3A0800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0800
}
```

Border

The CSS property to change the border of an element to Hex 3A0800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

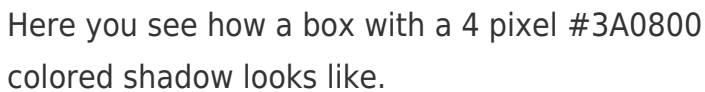
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0800 }
```

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

```
.border{ border-color:#3A0800 }
```

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



Here you see how a box with a 4 pixel #3A0800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0800; -webkit-box-shadow:4px 4px  
4px 4px #3A0800; box-shadow:4px 4px 4px  
4px #3A0800 }
```

Background

The CSS property to change the background color of an element to Hex 3A0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0800 }
```

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

```
.background{ background-color:#3A0800 }
```

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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