

Converting Colors

Hex(3B0300)

Have a look what the booklet for
Hex(3B0300) contains.

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Color

Hex(3B0300)

Conversions

Conversions Part 1

Format	Color
Hex	3B0300
RGB	59, 3, 0
RGB Percent	23%, 1%, 0%
CMY	0.7686, 0.9882, 1.0000
CMYK	0.00, 0.95, 1.00, 0.77
HSL	3°, 100%, 12%
HSV	3°, 100%, 23%
XYZ	1.8362, 0.9949, 0.0953
YIQ	19.4020, 34.3390, 10.9390

Conversions

Conversions Part 2

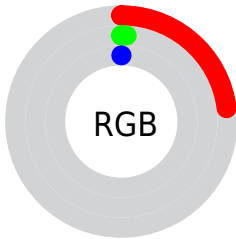
Format	Color
R _Y B	59, 3, 0
Decimal	3867392
CIE Lab	8.95, 26.62, 14.07
CIE LCh	9, 30.111, 27.851
Yxy	0.9949, 0.6275, 0.3400
Android (android.graphics.Color)	4282057472 (0xFF3B0300)
YUV	19.4020, -9.5652, 34.7274
Hunter-Lab	9.9746, 15.4039, 6.4160

Details

The Hex color **3B0300** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00383B**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **6E3230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0300**, and if you desaturate by 10%, it is **3B0906**.

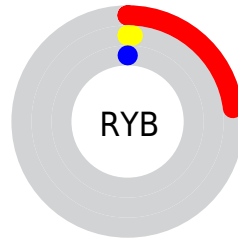
Distribution



Red (23%)

Green (1%)

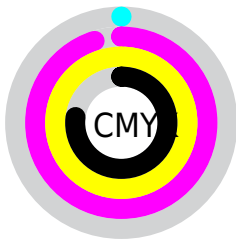
Blue (0%)



Red (23%)

Yellow (1%)

Blue (0%)

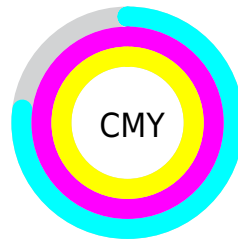


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0300 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 3B0300 by changing the saturation by 10% instead.

 3B0300

 3B0300

 FFE9E2

 240001

 6E3230

 000000

 894A46

 A5625E

 C17B76

 DE9690

 FCB1AB

 FFCCC6

 3B0300

■ 3B0906

■ 3B0E0C

■ 3B1412

■ 3B1918

■ 3B1F1D

■ 3B2523

■ 3B2A29

■ 3B302F

■ 3B3535

Harmonies

Analogous

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



3B001C



3B0300



310F00

Triad

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



3B0300



002100



001D42

Complementary

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



3B0300



00383B

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



3B0300



002317

Square

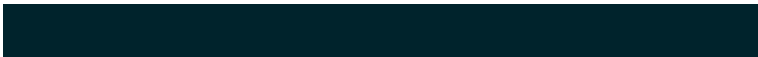
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3B0300



0D1E00



00232C



12153D

Rectangle

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



3B0300



281600



00232C



001E41

Sweetspot

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



3B0300



4D3736



3B0038



261918



A6A6A6



262626

Same Dimension

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



3B0300



4D0400



3B2000



1F1C1C



5E0500



DE0B00

Inverse Universe

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



00383B



00494D



001B3B



1C1E1F



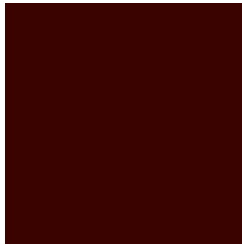
005A5E



00D3DE

Previews

White Background



This preview shows how the Hex color 3B0300 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

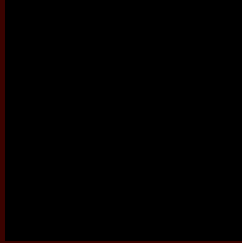
Any Text WCAG AA × Fail

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 3B0300 Background



This preview shows how black text looks on a background with the Hex color 3B0300.

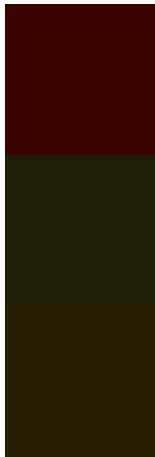


This preview shows how white text looks on a background with the Hex color 3B0300.

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](#).

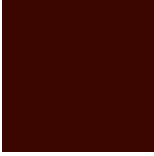
Dichromacy



Original Color
3B0300

Protanopia
211E08

Deuteranopia
261C00



Tritanopia
3B0500

Trichromacy



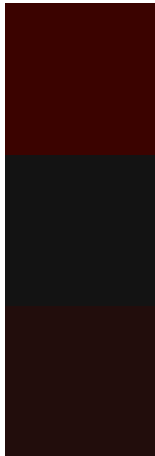
Original Color
3B0300

Protanomaly
2A1405

Deuteranomaly
2E1300

Tritanomaly
3B0400

Monochromacy



Original Color
3B0300

Achromatopsia
131313

Achromatomaly
220D0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0300 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 #3B0300 looks like.

```
.text, #text, p{  
    color:#3B0300  
}
```

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 #3B0300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0300
}
```

Border

The CSS property to change the border of an element to Hex 3B0300 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".

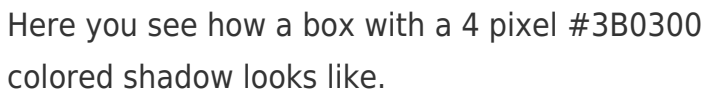
```
.border, #border, table{ border:4px solid
#3B0300 }
```

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

```
.border{ border-color:#3B0300 }
```

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

Here you see how a box with a 4 pixel #3B0300 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0300; -webkit-box-shadow:4px 4px  
4px 4px #3B0300; box-shadow:4px 4px 4px  
4px #3B0300 }
```

Background

The CSS property to change the background color of an element to Hex 3B0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0300 }
```

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

```
.background{ background-color:#3B0300 }
```

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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