

Converting Colors

Hex(3B0606)

Have a look what the booklet for
Hex(3B0606) contains.

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Color

Hex(3B0606)

Conversions

Conversions Part 1

Format	Color
Hex	3B0606
RGB	59, 6, 6
RGB Percent	23%, 2%, 2%
CMY	0.7686, 0.9765, 0.9765
CMYK	0.00, 0.90, 0.90, 0.77
HSL	0°, 82%, 13%
HSV	0°, 90%, 23%
XYZ	1.9016, 1.0732, 0.2792
YIQ	21.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

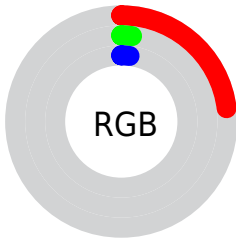
Format	Color
R_{YB}	59, 6, 6
Decimal	3868166
CIE Lab	9.59, 25.45, 12.54
CIE LCh	10, 28.368, 26.224
Yxy	1.0732, 0.5844, 0.3298
Android (android.graphics.Color)	4282058246 (0xFF3B0606)
YUV	21.8470, -7.8126, 32.5832
Hunter-Lab	10.3596, 14.6367, 5.6537

Details

The Hex color **3B0606** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **063B3B**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **6E3434**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0000**, and if you desaturate by 10%, it is **3B0C0C**.

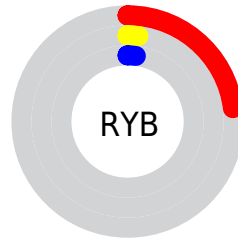
Distribution



Red (23%)

Green (2%)

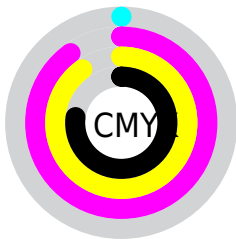
Blue (2%)



Red (23%)

Yellow (2%)

Blue (2%)

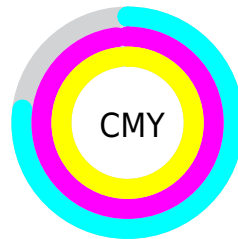


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (77%)



Cyan (77%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0606 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 3B0606 by changing the saturation by 10% instead.

 3B0606

 3B0606

 FFEBE7

 250001

 6E3434

 000000

 894C4A

 A56562

 C17E7B

 DD9894

 FBB3AF

 FFCFCA

 3B0606

 3B0606

■ 3B0000

■ 3B0C0C

■ 3B1212

■ 3B1818

■ 3B1E1E

■ 3B2323

■ 3B2929

■ 3B2F2F

■ 3B3535

■ 3B3B3B

Harmonies

Analogous

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



3A041E



3B0606



331000

Triad

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



3B0606



002200



001E41

Complementary

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



3B0606



063B3B

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.



00223A



3B0606



002417

Square

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



3B0606



121E00



00242B



13173D

Rectangle

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



3B0606



2A1700



00242B



001F40

Sweetspot

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



3B0606



4D3838



3B063B



261A1A



A6A6A6



262626

Same Dimension

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



3B0606



4D0000



3B2106



1F1C1C



5E0000



DE0000

Inverse Universe

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



063B3B



004D4D



06213B



1C1F1F



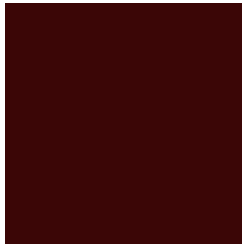
005E5E



00DEDE

Previews

White Background



This preview shows how the Hex color 3B0606 looks on a white background.

Color Contrast Check

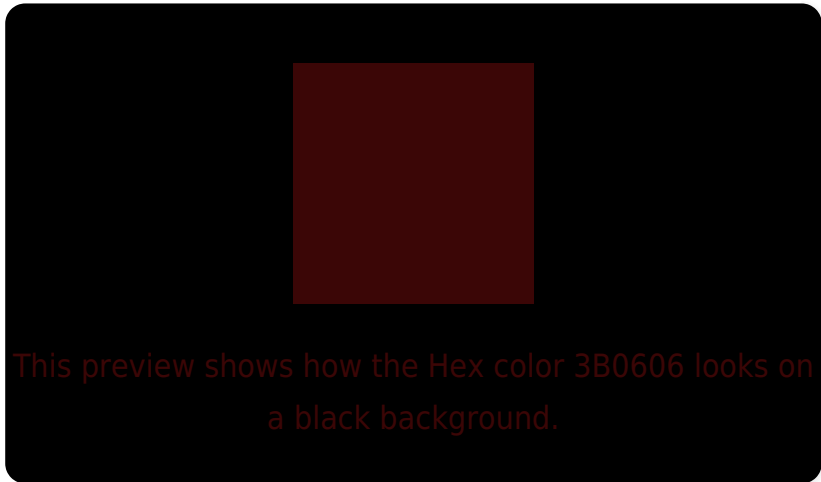
Large Text (above 18pt) WCAG AA ✓ Pass

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

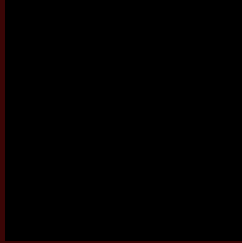
Any Text WCAG AA × Fail

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 3B0606 Background



This preview shows how black text looks on a background with the Hex color 3B0606.

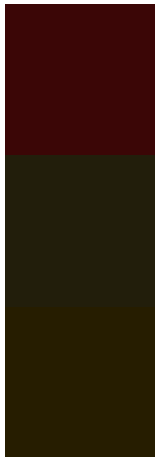


This preview shows how white text looks on a background with the Hex color 3B0606.

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](#).

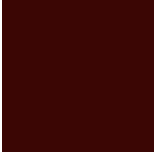
Dichromacy



Original Color
3B0606

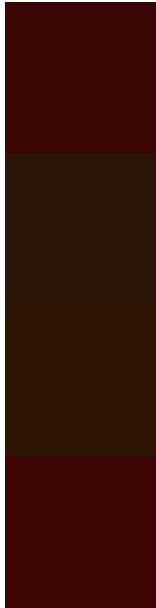
Protanopia
221E0B

Deuteranopia
261D00



Tritanopia
3B0604

Trichromacy



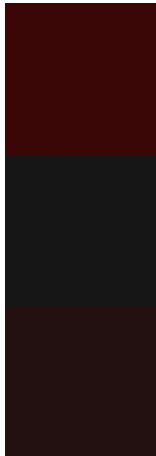
Original Color
3B0606

Protanomaly
2B1509

Deuteranomaly
2E1502

Tritanomaly
3B0605

Monochromacy



Original Color
3B0606

Achromatopsia
161616

Achromatomaly
231010

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0606 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 #3B0606 looks like.

```
.text, #text, p{  
    color:#3B0606  
}
```

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 #3B0606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0606
}
```

Border

The CSS property to change the border of an element to Hex 3B0606 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".

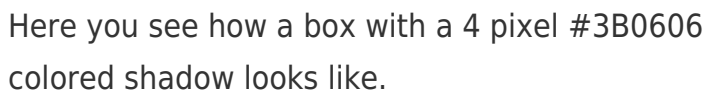
```
.border, #border, table{ border:4px solid
#3B0606 }
```

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

```
.border{ border-color:#3B0606 }
```

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

Here you see how a box with a 4 pixel #3B0606 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3B0606 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0606; -webkit-box-shadow:4px 4px  
4px 4px #3B0606; box-shadow:4px 4px 4px  
4px #3B0606 }
```

Background

The CSS property to change the background color of an element to Hex 3B0606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0606 }
```

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

```
.background{ background-color:#3B0606 }
```

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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