

Converting Colors

Hex(3B0807)

Have a look what the booklet for
Hex(3B0807) contains.

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Color

Hex(3B0807)

Conversions

Conversions Part 1

Format	Color
Hex	3B0807
RGB	59, 8, 7
RGB Percent	23%, 3%, 3%
CMY	0.7686, 0.9686, 0.9725
CMYK	0.00, 0.86, 0.88, 0.77
HSL	1°, 79%, 13%
HSV	1°, 88%, 23%
XYZ	1.9288, 1.1188, 0.3153
YIQ	23.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

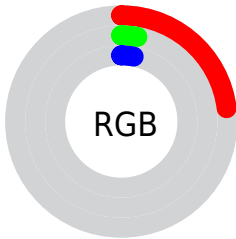
Format	Color
R _Y B	59, 8, 7
Decimal	3868679
CIE Lab	9.94, 24.55, 12.64
CIE LCh	10, 27.612, 27.233
Yxy	1.1188, 0.5736, 0.3327
Android (android.graphics.Color)	4282058759 (0xFF3B0807)
YUV	23.1350, -7.9546, 31.4536
Hunter-Lab	10.5774, 14.0395, 5.6368

Details

The Hex color **3B0807** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **073A3B**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **6E3634**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0201**, and if you desaturate by 10%, it is **3B0E0D**.

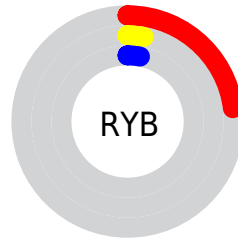
Distribution



Red (23%)

Green (3%)

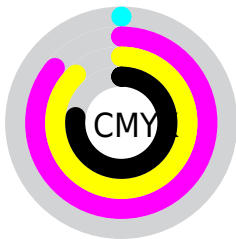
Blue (3%)



Red (23%)

Yellow (3%)

Blue (3%)

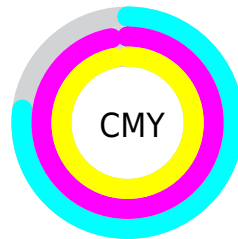


Cyan (0%)

Magenta (86%)

Yellow (88%)

Black (77%)



Cyan (77%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0807 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 3B0807 by changing the saturation by 10% instead.

 3B0807

 3B0807

 FFEDE7

 260001

 6E3634

 000000

 894E4B

 A46663

 C0807B

 DD9A95

 FAB5B0

 FFD1CB

 3B0807

 3B0807

■ 3B0201

■ 3B0E0D

■ 3B0100

■ 3B1413

■ 3B1919

■ 3B1F1F

■ 3B2525

■ 3B2B2A

■ 3B3130

■ 3B3636

■ 3B3C3C

Harmonies

Analogous

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



3A051E



3B0807



331200

Triad

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



3B0807



002300



001E41

Complementary

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



3B0807



073A3B

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.



00223B



3B0807



002419

Square

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



3B0807



131F00



00242C



15173D

Rectangle

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



3B0807



2A1800



00242C



002040

Sweetspot

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



3B0807



4D3939



3B073A



261B1A



A6A6A6



262626

Same Dimension

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



3B0807



4D0100



3B2207



1F1C1C



5E0200



DE0400

Inverse Universe

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



073A3B



004B4D



07203B



1C1F1F



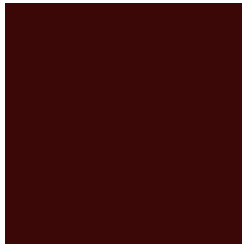
005D5E



00DADE

Previews

White Background



This preview shows how the Hex color 3B0807 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

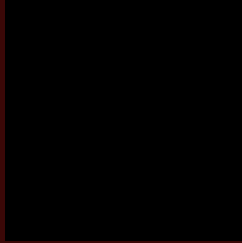
Any Text WCAG AA × Fail

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 3B0807 Background



This preview shows how black text looks on a background with the Hex color 3B0807.

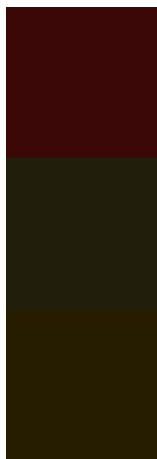


This preview shows how white text looks on a background with the Hex color 3B0807.

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
3B0807

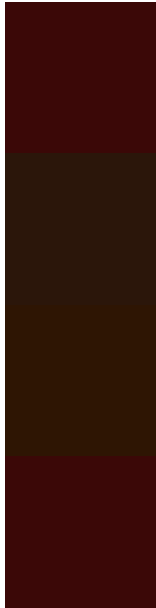
Protanopia
221E0C

Deuteranopia
261D00



Tritanopia
3B0807

Trichromacy



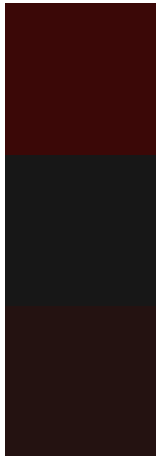
Original Color
3B0807

Protanomaly
2B160A

Deuteranomaly
2E1503

Tritanomaly
3B0807

Monochromacy



Original Color
3B0807

Achromatopsia
171717

Achromatomaly
241211

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0807 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 #3B0807 looks like.

```
.text, #text, p{  
    color:#3B0807  
}
```

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 #3B0807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0807
}
```

Border

The CSS property to change the border of an element to Hex 3B0807 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".

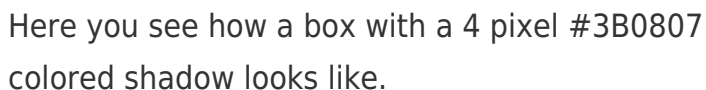
```
.border, #border, table{ border:4px solid
#3B0807 }
```

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

```
.border{ border-color:#3B0807 }
```

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

Here you see how a box with a 4 pixel #3B0807 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 horizontal bar. The shadow is a dark red rectangular shape that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0807; -webkit-box-shadow:4px 4px  
4px 4px #3B0807; box-shadow:4px 4px 4px  
4px #3B0807 }
```

Background

The CSS property to change the background color of an element to Hex 3B0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0807 }
```

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

```
.background{ background-color:#3B0807 }
```

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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