

Converting Colors

Hex(8B0108)

Have a look what the booklet for
Hex(8B0108) contains.

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Color

Hex(8B0108)

Conversions

Conversions Part 1

Format	Color
Hex	8B0108
RGB	139, 1, 8
RGB Percent	55%, 0%, 3%
CMY	0.4549, 0.9961, 0.9686
CMYK	0.00, 0.99, 0.94, 0.45
HSL	357°, 99%, 27%
HSV	357°, 99%, 55%
XYZ	10.7021, 5.5282, 0.7327
YIQ	43.0600, 80.0010, 31.4330

Conversions

Conversions Part 2

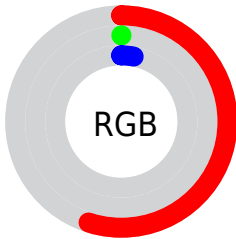
Format	Color
RYB	139, 1, 8
Decimal	9109768
CIELab	28.19, 50.97, 38.12
CIELCh	28, 63.650, 36.794
Yxy	5.5282, 0.6309, 0.3259
Android (android.graphics.Color)	4287299848 (0xFF8B0108)
YUV	43.0600, -17.2846, 84.1394
Hunter-Lab	23.5121, 40.1025, 14.6108

Details

The Hex color **8B0108** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **018B84**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **C84635**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **8B0007**, and if you desaturate by 10%, it is **8B0F15**.

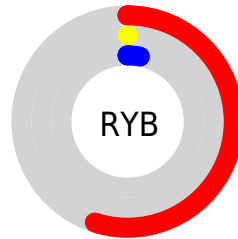
Distribution



Red (55%)

Green (0%)

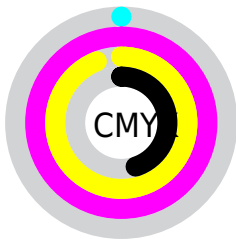
Blue (3%)



Red (55%)

Yellow (0%)

Blue (3%)

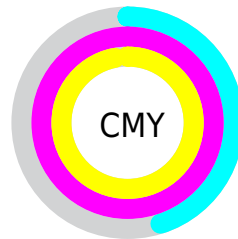


Cyan (0%)

Magenta (99%)

Yellow (94%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B0108 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 8B0108 by changing the saturation by 10% instead.

 8B0108

 8B0108

 FFFFEB

 6D0000

 C84635

 4F0000

 E8614C

 340002

 FF7C64

 000000

 FF987E

 FFB498

 FFD0B3

 FFEDCE

 8B0108

 8B0108

■ 8B0007

■ 8B0F15

■ 8B1D22

■ 8B2B30

■ 8B393D

■ 8B464A

■ 8B5457

■ 8B6264

■ 8B7072

■ 8B7E7F

Harmonies

Analogous

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



94003A



8B0108



703000

Triad

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



8B0108



005318



0046A6

Complementary

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



8B0108



018B84

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.



00529E



8B0108



00554D

Square

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



8B0108



074F00



00567D



4B2E92

Rectangle

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



8B0108



573F00



00567D



004BA7

Sweetspot

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



8B0108



B57F81



82018B



5C3B3C



DBDBDB



5C5C5C

Same Dimension

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



8B0108



B50009



8B3D01



453E3E



850007



050000

Inverse Universe

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



8B0108



B50009



014F8B



453E3E



850007



050000

Previews

White Background



This preview shows how the Hex color 8B0108 looks on a white background.

Color Contrast Check

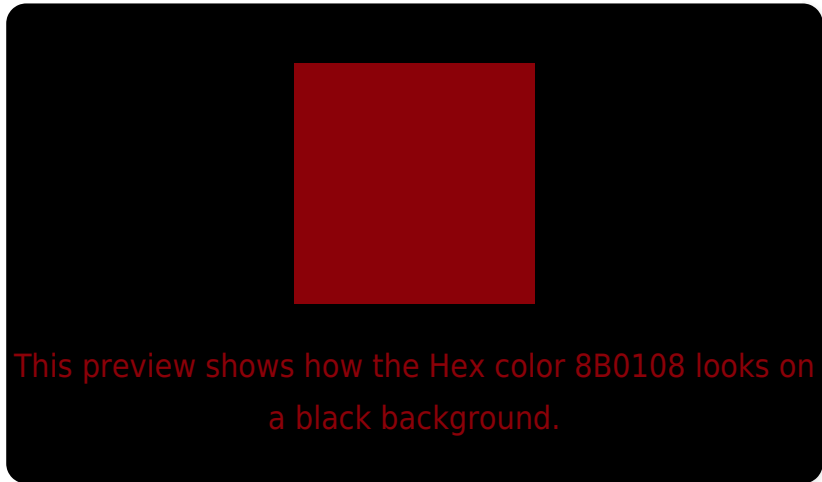
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B0108 Background



This preview shows how black text looks on a background with the Hex color 8B0108.



This preview shows how white text looks on a background with the Hex color 8B0108.

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
8B0108

Protanopia
4F4615

Deuteranopia
584300



Tritanopia
8A0D00

Trichromacy



Original Color
8B0108

Protanomaly
652D10

Deuteranomaly
6B2B03

Tritanomaly
8A0903

Monochromacy



Original Color
8B0108

Achromatopsia
2B2B2B

Achromatomaly
4E1C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B0108 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 #8B0108 looks like.

```
.text, #text, p{  
    color:#8B0108  
}
```

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 #8B0108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0108
}
```

Border

The CSS property to change the border of an element to Hex 8B0108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

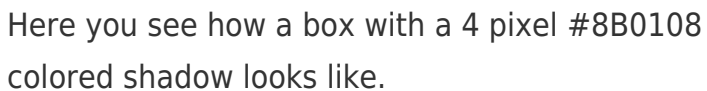
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B0108 }
```

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

```
.border{ border-color:#8B0108 }
```

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



Here you see how a box with a 4 pixel #8B0108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0108; -webkit-box-shadow:4px 4px  
4px 4px #8B0108; box-shadow:4px 4px 4px  
4px #8B0108 }
```

Background

The CSS property to change the background color of an element to Hex 8B0108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0108 }
```

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

```
.background{ background-color:#8B0108 }
```

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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