

Converting Colors

Hex(8C0300)

Have a look what the booklet for
Hex(8C0300) contains.

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Color

Hex(8C0300)

Conversions

Conversions Part 1

Format	Color
Hex	8C0300
RGB	140, 3, 0
RGB Percent	55%, 1%, 0%
CMY	0.4510, 0.9882, 1.0000
CMYK	0.00, 0.98, 1.00, 0.45
HSL	1°, 100%, 27%
HSV	1°, 100%, 55%
XYZ	10.8478, 5.6406, 0.5170
YIQ	43.6210, 82.6150, 28.1110

Conversions

Conversions Part 2

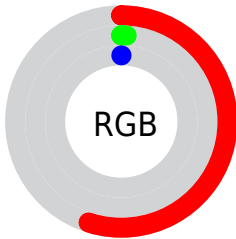
Format	Color
RYB	140, 3, 0
Decimal	9175808
CIELab	28.49, 50.78, 41.72
CIELCh	28, 65.720, 39.407
Yxy	5.6406, 0.6379, 0.3317
Android (android.graphics.Color)	4287365888 (0xFF8C0300)
YUV	43.6210, -21.5052, 84.5244
Hunter-Lab	23.7499, 39.9677, 15.3343

Details

The Hex color **8C0300** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00898C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **CA472F**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8C0300**, and if you desaturate by 10%, it is **8C110E**.

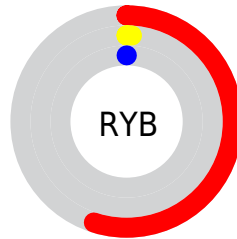
Distribution



Red (55%)

Green (1%)

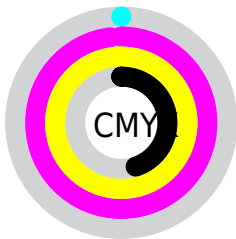
Blue (0%)



Red (55%)

Yellow (1%)

Blue (0%)

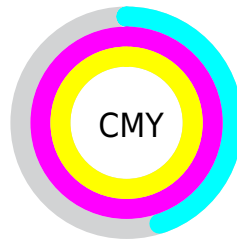


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C0300 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 8C0300 by changing the saturation by 10% instead.

 8C0300

 8C0300

 FFFFE4

 6E0000

 CA472F

 500000

 E96246

 350002

 FF7D5E

 030000

 FF9878

 000000

 FFB492

 FFD1AC

 FFEEC8

 8C0300

 8C110E

 8C1E1C

 8C2C2A

 8C3A38

 8C4846

 8C5554

 8C6362

 8C7170

 8C7E7E

Harmonies

Analogous

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



970036



8C0300



6F3300

Triad

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



8C0300



00551C



0046AA

Complementary

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



8C0300



00898C

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.



0052A4



8C0300



005753

Square

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



8C0300



005000



005783



532B93

Rectangle

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



8C0300



544100



005783



004BAB

Sweetspot

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



8C0300



B5807F



8C008A



5C3B3B



DBDBDB



5C5C5C

Same Dimension

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



8C0300



B50400



8C4800



453E3E



850300



050000

Inverse Universe

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



00898C



00B1B5



00448C



3E4545



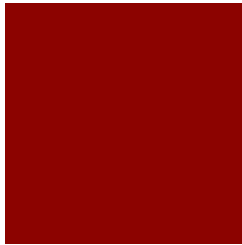
008285



000505

Previews

White Background



This preview shows how the Hex color 8C0300 looks on a white background.

Color Contrast Check

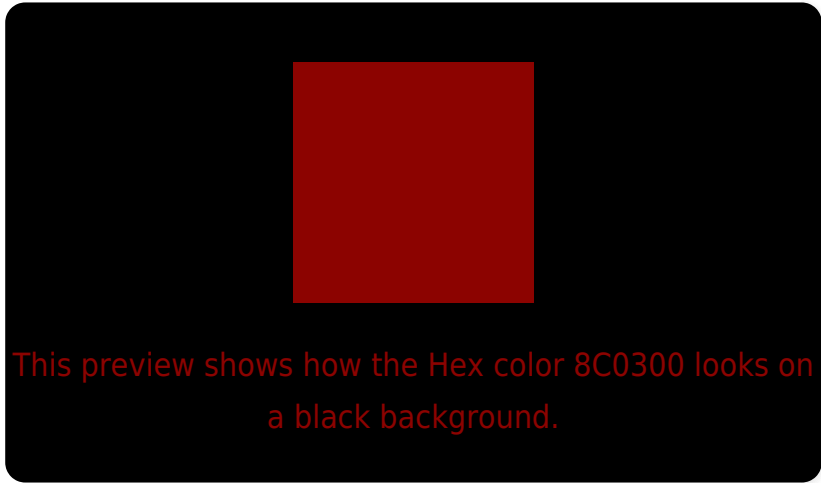
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C0300 Background



This preview shows how black text looks on a background with the Hex color 8C0300.



This preview shows how white text looks on a background with the Hex color 8C0300.

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
8C0300

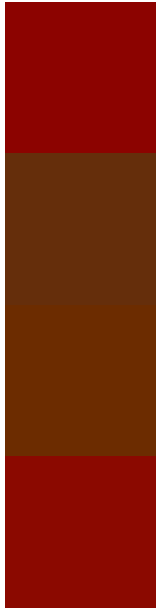
Protanopia
4F4712

Deuteranopia
594300



Tritanopia
8B0D00

Trichromacy



Original Color
8C0300

Protanomaly
652E0B

Deuteranomaly
6C2C00

Tritanomaly
8B0900

Monochromacy



Original Color
8C0300

Achromatopsia
2C2C2C

Achromatomaly
4F1D1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C0300 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 #8C0300 looks like.

```
.text, #text, p{  
    color:#8C0300  
}
```

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 #8C0300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C0300
}
```

Border

The CSS property to change the border of an element to Hex 8C0300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

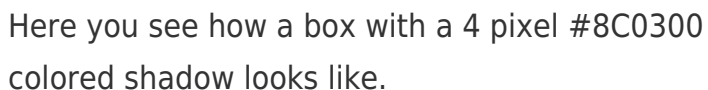
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C0300 }
```

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

```
.border{ border-color:#8C0300 }
```

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



Here you see how a box with a 4 pixel #8C0300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C0300; -webkit-box-shadow:4px 4px  
4px 4px #8C0300; box-shadow:4px 4px 4px  
4px #8C0300 }
```

Background

The CSS property to change the background color of an element to Hex 8C0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C0300 }
```

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

```
.background{ background-color:#8C0300 }
```

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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