

Converting Colors

Hex(A80000)

Have a look what the booklet for
Hex(A80000) contains.

Hex(A80000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A80000)

Conversions

Conversions Part 1

Format	Color
Hex	A80000
RGB	168, 0, 0
RGB Percent	66%, 0%, 0%
CMY	0.3412, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.34
HSL	0°, 100%, 33%
HSV	0°, 100%, 66%
XYZ	16.1484, 8.3248, 0.7557
YIQ	50.2320, 100.1280, 35.6160

Conversions

Conversions Part 2

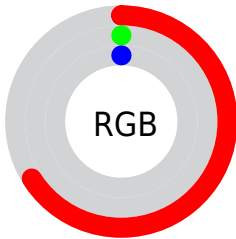
Format	Color
RYB	168, 0, 0
Decimal	11010048
CIELab	34.65, 58.61, 48.93
CIElCh	35, 76.349, 39.859
Yxy	8.3248, 0.6401, 0.3300
Android (android.graphics.Color)	4289200128 (0xFFA80000)
YUV	50.2320, -24.7644, 103.2825
Hunter-Lab	28.8528, 49.4113, 18.6440

Details

The Hex color **A80000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A8A8**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **E84C30**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A80000**, and if you desaturate by 10%, it is **A81111**.

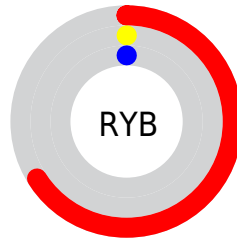
Distribution



Red (66%)

Green (0%)

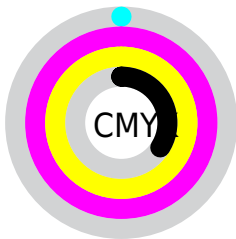
Blue (0%)



Red (66%)

Yellow (0%)

Blue (0%)

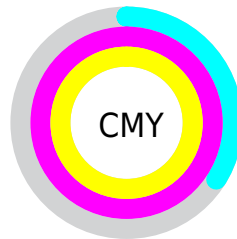


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A80000 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 A80000 by changing the saturation by 10% instead.

 A80000

 A80000

 FFFFE8

 890000

 E84C30

 690000

 FF6948

 4C0001

 FF8561

 2F0002

 FFA17A

 000000

 FFBE95

 FFDBB0

 FFF8CB

 A80000

 A81111

 A82222

 A83232

 A84343

 A85454

 A86565

 A87676

 A88686

 A89797

Harmonies

Analogous

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



B60041



A80000



853E00

Triad

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



A80000



006623



0054CC

Complementary

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



A80000



00A8A8

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.



0064C6



A80000



006965

Square

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



A80000



006100



00699F



6533B1

Rectangle

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



A80000



655000



00699F



005BCE

Sweetspot

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



A80000



DB9A9A



A800A8



6E4646



EDEDED



6E6E6E

Same Dimension

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



A80000



DB0000



A85400



544C4C



940000



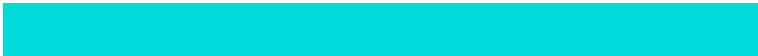
140000

Inverse Universe

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



00A8A8



00DBDB



0054A8



4C5454



009494



001414

Previews

White Background



This preview shows how the Hex color A80000 looks on a white background.

Color Contrast Check

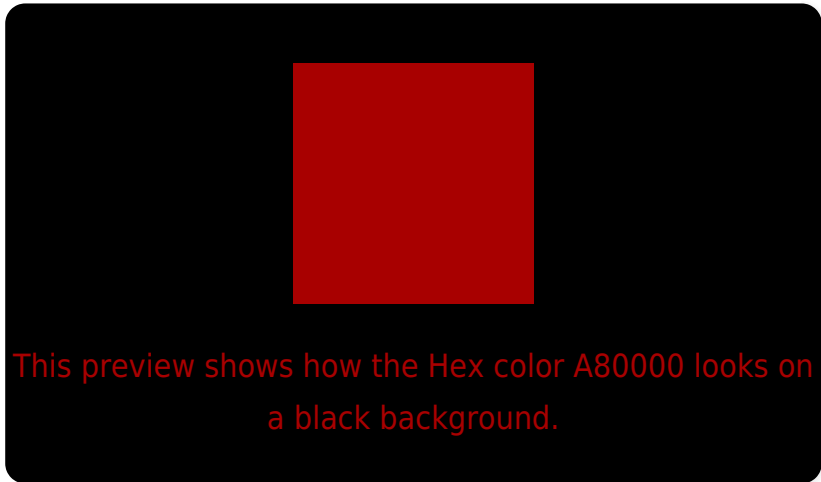
Large Text (above 18pt) WCAG AA ✓ Pass

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 A80000 Background



This preview shows how black text looks on a background with the Hex color A80000.



This preview shows how white text looks on a background with the Hex color A80000.

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
A80000

Protanopia
5F5516

Deuteranopia
6B5100



Tritanopia
A71000

Trichromacy



Original Color
A80000

Protanomaly
7A360E

Deuteranomaly
813400

Tritanomaly
A70A00

Monochromacy



Original Color
A80000

Achromatopsia
323232

Achromatomaly
5D2020

CSS Examples

Text

The CSS property to change the color of the text to Hex A80000 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 #A80000 looks like.

```
.text, #text, p{  
    color:#A80000  
}
```

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 #A80000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80000
}
```

Border

The CSS property to change the border of an element to Hex A80000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

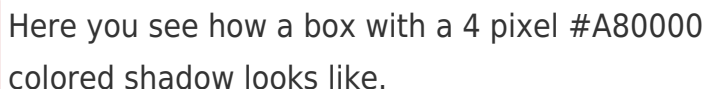
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A80000 }
```

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

```
.border{ border-color:#A80000 }
```

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



Here you see how a box with a 4 pixel #A80000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80000; -webkit-box-shadow:4px 4px  
4px 4px #A80000; box-shadow:4px 4px 4px  
4px #A80000 }
```

Background

The CSS property to change the background color of an element to Hex A80000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80000 }
```

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

```
.background{ background-color:#A80000 }
```

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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