

Converting Colors

Hex(87000B)

Have a look what the booklet for
Hex(87000B) contains.

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Color

Hex(87000B)

Conversions

Conversions Part 1

Format	Color
Hex	87000B
RGB	135, 0, 11
RGB Percent	53%, 0%, 4%
CMY	0.4706, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.92, 0.47
HSL	355°, 100%, 26%
HSV	355°, 100%, 53%
XYZ	10.0521, 5.1751, 0.7857
YIQ	41.6190, 76.9290, 32.0410

Conversions

Conversions Part 2

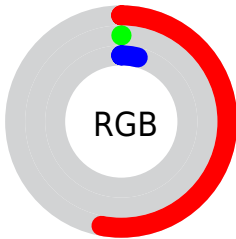
Format	Color
RYB	135, 0, 11
Decimal	8847371
CIELab	27.23, 50.13, 35.71
CIELCh	27, 61.542, 35.464
Yxy	5.1751, 0.6278, 0.3232
Android (android.graphics.Color)	4287037451 (0xFF87000B)
YUV	41.6190, -15.0952, 81.8951
Hunter-Lab	22.7488, 39.0641, 13.8764

Details

The Hex color **87000B** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00877C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **C44437**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **87000B**, and if you desaturate by 10%, it is **870D17**.

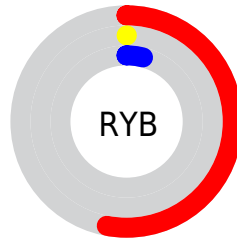
Distribution



Red (53%)

Green (0%)

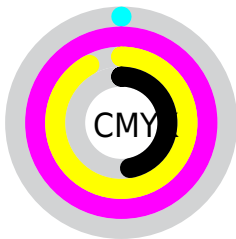
Blue (4%)



Red (53%)

Yellow (0%)

Blue (4%)

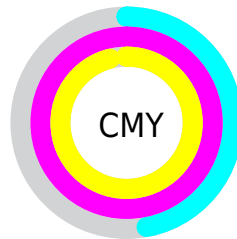


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87000B 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 87000B by changing the saturation by 10% instead.

 87000B

 87000B

 FFFFED

 690000

 C44437

 4B0000

 E35F4E

 310002

 FF7A66

 000000

 FF9680

 FF29A

 FFCEB5

 FFEBD0

 87000B

 870D17

 871B24

 872930

 87363D

 874449

 875155

 875E62

 876C6E

 877A7B

Harmonies

Analogous

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



8E003A



87000B



6E2E00

Triad

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



87000B



005115



0045A0

Complementary

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



87000B



00877C

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.



004F97



87000B



005348

Square

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



87000B



0F4C00



005377



452E8F

Rectangle

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



87000B



563C00



005377



0049A0

Sweetspot

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



87000B



B07B7F



7C0087



59393C



D9D9D9



595959

Same Dimension

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



87000B



B0000E



873800



423C3C



82000B



030000

Inverse Universe

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



87000B



B0000E



004F87



423C3C



82000B



030000

Previews

White Background



This preview shows how the Hex color 87000B looks on a white background.

Color Contrast Check

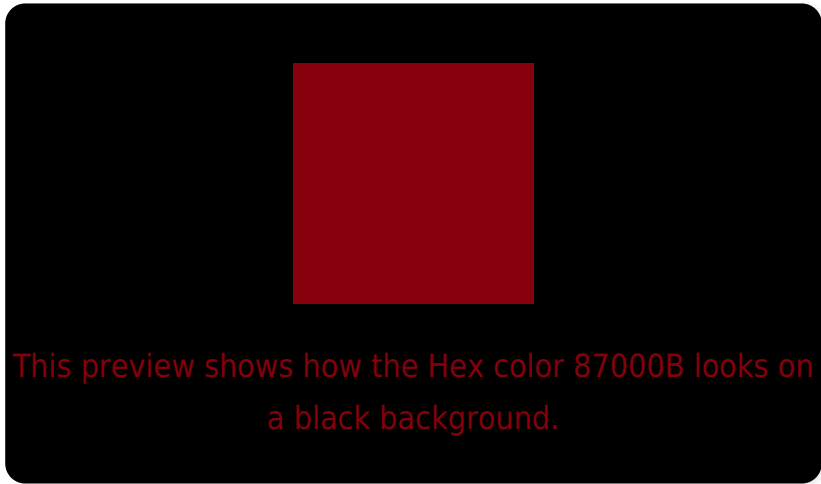
Large Text (above 18pt) WCAG AA ✓ Pass

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

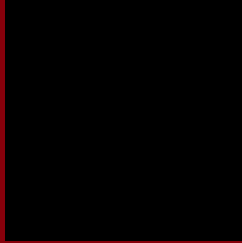
Any Text WCAG AA × Fail

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 87000B Background



This preview shows how black text looks on a background with the Hex color 87000B.



This preview shows how white text looks on a background with the Hex color 87000B.

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
87000B

Protanopia
4C4417

Deuteranopia
564100



Tritanopia
860C00

Trichromacy



Original Color
87000B

Protanomaly
612B13

Deuteranomaly
682904

Tritanomaly
860804

Monochromacy



Original Color
87000B

Achromatopsia
2A2A2A

Achromatomaly
4C1B1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 87000B 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 #87000B looks like.

```
.text, #text, p{  
    color:#87000B  
}
```

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 #87000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87000B
}
```

Border

The CSS property to change the border of an element to Hex 87000B 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
#87000B }
```

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

```
.border{ border-color:#87000B }
```

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

Here you see how a box with a 4 pixel #87000B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87000B; -webkit-box-shadow:4px 4px  
4px 4px #87000B; box-shadow:4px 4px 4px  
4px #87000B }
```

Background

The CSS property to change the background color of an element to Hex 87000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87000B }
```

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

```
.background{ background-color:#87000B }
```

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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