

Converting Colors

Hex(8E0024)

Have a look what the booklet for
Hex(8E0024) contains.

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Color

Hex(8E0024)

Conversions

Conversions Part 1

Format	Color
Hex	8E0024
RGB	142, 0, 36
RGB Percent	56%, 0%, 14%
CMY	0.4431, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.75, 0.44
HSL	345°, 100%, 28%
HSV	345°, 100%, 56%
XYZ	11.4738, 5.8782, 2.1989
YIQ	46.5620, 73.0760, 41.3000

Conversions

Conversions Part 2

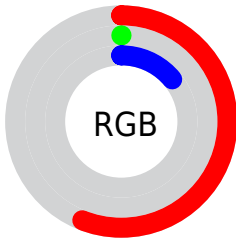
Format	Color
R_{YB}	142, 0, 36
Decimal	9306148
CIE _{Lab}	29.10, 52.70, 23.30
CIE _{LCh}	29, 57.622, 23.850
Yxy	5.8782, 0.5869, 0.3007
Android (android.graphics.Color)	4287496228 (0xFF8E0024)
YUV	46.5620, -5.2071, 83.6991
Hunter-Lab	24.2449, 42.0455, 11.5940

Details

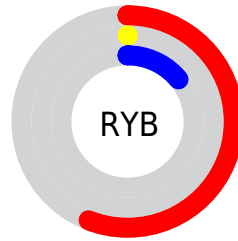
The Hex color **8E0024** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008E6A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **CA4750**, and **530000** is the 20% darker color. If you saturate the color by 10%, you get **8E0024**, and if you desaturate by 10%, it is **8E0E2F**.

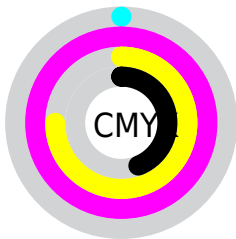
Distribution



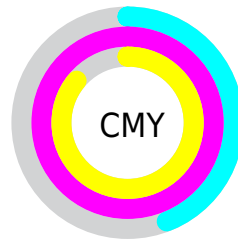
- Red (56%)
- Green (0%)
- Blue (14%)



- Red (56%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E0024 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 8E0024 by changing the saturation by 10% instead.

 8E0024

 8E0024

FFFFFF

 700010

 CA4750

 530000

 E96268

 390002

 FF7E81

 0E0000

 FF999B

 000000

 FFB5B6

 FFD2D2

 FFEFEE

 8E0024

 8E0E2F

 8E1C39

 8E2B44

 8E394E

 8E4759

 8E5564

 8E636E

 8E7279

 8E8083

Harmonies

Analogous

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



8C0050



8E0024



7C2900

Triad

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



8E0024



005305



004D9F

Complementary

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



8E0024



008E6A

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.



00558D



8E0024



00563A

Square

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



8E0024



334D00



005768



1E3D98

Rectangle

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



8E0024



683900



005768



00519B

Sweetspot

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



8E0024



B8818E



68008E



5C3B43



DBDBDB



5C5C5C

Same Dimension

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



8E0024



B8002F



8E2100



474042



870022



080002

Inverse Universe

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



8E0024



B8002F



006D8E



474042



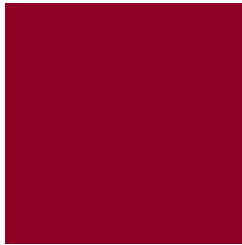
870022



080002

Previews

White Background



This preview shows how the Hex color 8E0024 looks on a white background.

Color Contrast Check

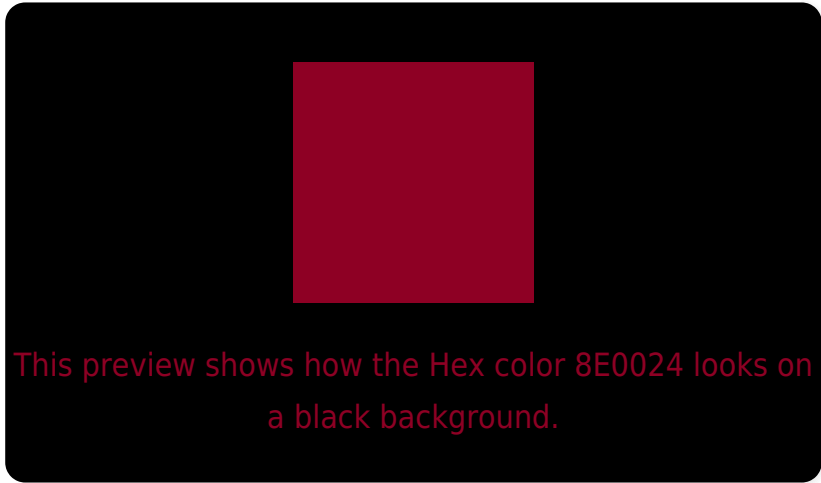
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E0024 Background



This preview shows how black text looks on a background with the Hex color 8E0024.

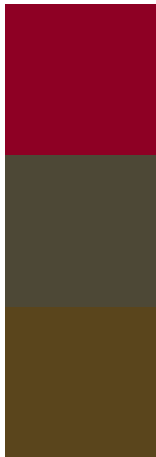


This preview shows how white text looks on a background with the Hex color 8E0024.

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
8E0024

Protanopia
4D4836

Deuteranopia
5A451C



Tritanopia
8E0F0A

Trichromacy



Original Color
8E0024

Protanomaly
652E2F

Deuteranomaly
6D2C1F

Tritanomaly
8E0A13

Monochromacy



Original Color
8E0024

Achromatopsia
2F2F2F

Achromatomaly
521E2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E0024 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 #8E0024 looks like.

```
.text, #text, p{  
    color:#8E0024  
}
```

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 #8E0024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E0024
}
```

Border

The CSS property to change the border of an element to Hex 8E0024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

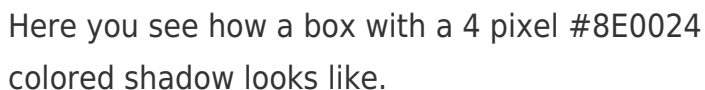
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E0024 }
```

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

```
.border{ border-color:#8E0024 }
```

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



Here you see how a box with a 4 pixel #8E0024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E0024; -webkit-box-shadow:4px 4px  
4px 4px #8E0024; box-shadow:4px 4px 4px  
4px #8E0024 }
```

Background

The CSS property to change the background color of an element to Hex 8E0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E0024 }
```

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

```
.background{ background-color:#8E0024 }
```

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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