

Converting Colors

Hex(9E0024)

Have a look what the booklet for
Hex(9E0024) contains.

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Color

Hex(9E0024)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9E0024 |
| RGB | 158, 0, 36 |
| RGB Percent | 62%, 0%, 14% |
| CMY | 0.3804, 1.0000, 0.8588 |
| CMYK | 0.00, 1.00, 0.77, 0.38 |
| HSL | 346°, 100%, 31% |
| HSV | 346°, 100%, 62% |
| XYZ | 14.4190, 7.3965, 2.3368 |
| YIQ | 51.3460, 82.6120, 44.6920 |

Conversions

Conversions Part 2

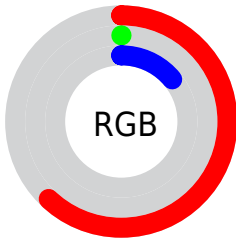
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 158, 0, 36 |
| Decimal | 10354724 |
| CIELab | 32.69, 56.78, 28.37 |
| CIELCh | 33, 63.478, 26.551 |
| Yxy | 7.3965, 0.5970, 0.3062 |
| Android (android.graphics.Color) | 4288544804 (0xFF9E0024) |
| YUV | 51.3460, -7.5656, 93.5356 |
| Hunter-Lab | 27.1965, 47.0431, 13.9432 |

Details

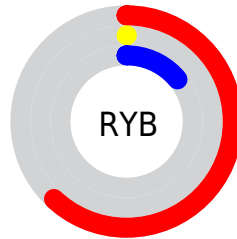
The Hex color **9E0024** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009E7A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **DC4B51**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9E0024**, and if you desaturate by 10%, it is **9E1030**.

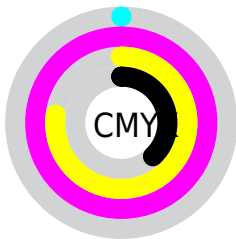
Distribution



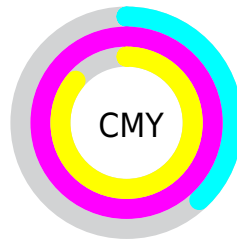
- Red (62%)
- Green (0%)
- Blue (14%)



- Red (62%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E0024 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 9E0024 by changing the saturation by 10% instead.

 9E0024

 9E0024

FFFFFF

 800010

 DC4B51

 620000

 FB6769

 450002

 FF8382

 270001

 FF9F9C

 000000

 FFBBB7

 FFD8D2

 FFF6EF

 9E0024

 9E1030

 9E203C

 9E2F49

 9E3F55

 9E4F61

 9E5F6D

 9E6F79

 9E7E86

 9E8E92

Harmonies

Analogous

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



9E0055



9E0024



883100

Triad

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



9E0024



005E0B



0056B3

Complementary

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



9E0024



009E7A

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.



005FA1



9E0024



006145

Square

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



9E0024



335700



006179



3142A8

Rectangle

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



9E0024



714200



006179



005AB0

Sweetspot

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



9E0024



CF919F



79009E



69434B



E8E8E8



696969

Same Dimension

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



9E0024



CF002F



9E2A00



4F4749



8F0021



0F0003

Inverse Universe

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



9E0024



CF002F



00749E



4F4749



8F0021



0F0003

Previews

White Background



This preview shows how the Hex color 9E0024 looks on a white background.

Color Contrast Check

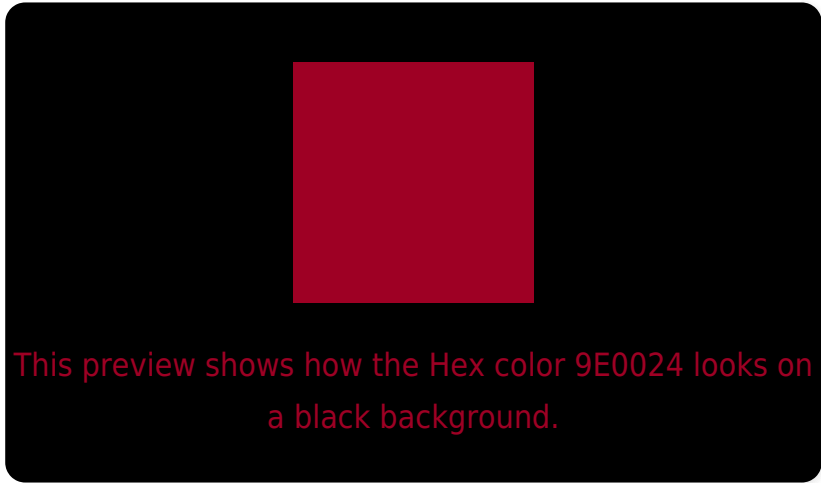
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E0024 Background



This preview shows how black text looks on a background with the Hex color 9E0024.

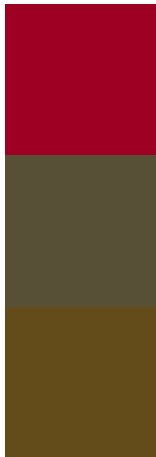


This preview shows how white text looks on a background with the Hex color 9E0024.

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
9E0024

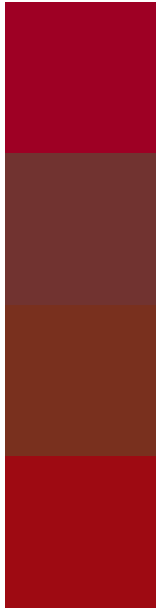
Protanopia
575037

Deuteranopia
644C1A



Tritanopia
9E0F07

Trichromacy



Original Color
9E0024

Protanomaly
713330

Deuteranomaly
79301E

Tritanomaly
9E0A12

Monochromacy



Original Color
9E0024

Achromatopsia
333333

Achromatomaly
5A202E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E0024 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 #9E0024 looks like.

```
.text, #text, p{  
    color:#9E0024  
}
```

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 #9E0024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0024
}
```

Border

The CSS property to change the border of an element to Hex 9E0024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

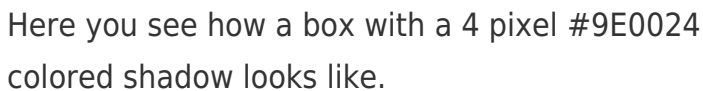
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E0024 }
```

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

```
.border{ border-color:#9E0024 }
```

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



Here you see how a box with a 4 pixel #9E0024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0024; -webkit-box-shadow:4px 4px  
4px 4px #9E0024; box-shadow:4px 4px 4px  
4px #9E0024 }
```

Background

The CSS property to change the background color of an element to Hex 9E0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0024 }
```

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

```
.background{ background-color:#9E0024 }
```

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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