

# Converting Colors

Hex(94000F)

Have a look what the booklet for  
Hex(94000F) contains.

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# Color

**Hex(94000F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94000F
RGB	148, 0, 15
RGB Percent	58%, 0%, 6%
CMY	0.4196, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.90, 0.42
HSL	354°, 100%, 29%
HSV	354°, 100%, 58%
XYZ	12.2990, 6.3304, 1.0256
YIQ	45.9620, 83.3930, 36.0410

# Conversions

## Conversions Part 2

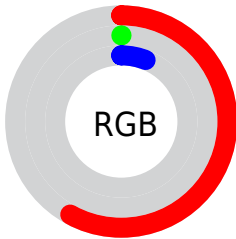
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 0, 15
Decimal	9699343
CIELab	30.23, 53.63, 37.47
CIElCh	30, 65.421, 34.944
Yxy	6.3304, 0.6257, 0.3221
Android (android.graphics.Color)	4287889423 (0xFF94000F)
YUV	45.9620, -15.2643, 89.4873
Hunter-Lab	25.1603, 43.2248, 15.1954

# Details

The Hex color **94000F** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009485**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **D2483B**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **94000F**, and if you desaturate by 10%, it is **940F1C**.

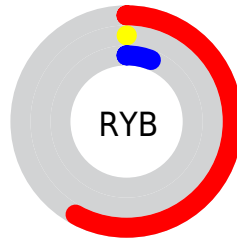
# Distribution



Red (58%)

Green (0%)

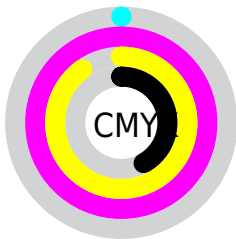
Blue (6%)



Red (58%)

Yellow (0%)

Blue (6%)

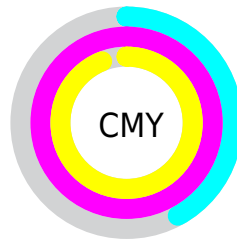


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (42%)



Cyan (42%)

Magenta (100%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94000F 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 94000F by changing the saturation by 10% instead.



 94000F

 94000F

 FFFFFFF2

 760000

 D2483B

 570000

 F16352

 3D0002

 FF7F6B

 180001

 FF9B84

 000000

 FFB79F

 FFD3BA

 FFF1D6

 94000F

 940F1C

 941E2A

 942C37

 943B44

 944A51

 94595F

 94686C

 947679

 948587

# Harmonies

## Analogous

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



9C0041



94000F



793300

# Triad

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



9400F



005917



004CAF

# Complementary

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



94000F



009485

# 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.



0058A5



94000F



005B4F

# Square

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



94000F



145300



005B81



4A349C

# Rectangle

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



9400F



5F4200



005B81



0051AF



# Sweetspot

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



94000F



BF868C



830094



613E42



E0E0E0



616161



# Same Dimension

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



94000F



BF0013



943900



4A4343



8A000E



0A0001



# Inverse Universe

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



94000F



BF0013



005B94



4A4343



8A000E



0A0001



# Previews

## White Background



This preview shows how the Hex color 94000F looks on a white background.

## Color Contrast Check

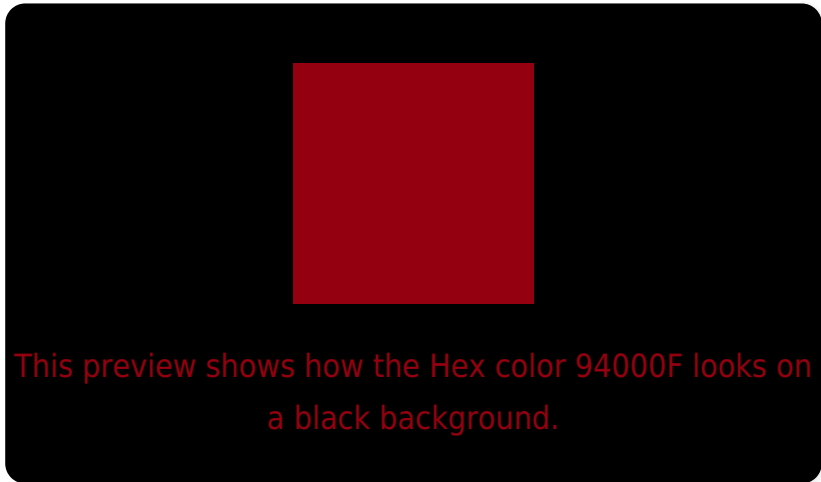
Large Text (above 18pt) WCAG AA ✓ Pass

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 94000F Background



This preview shows how black text looks on a background with the Hex color 94000F.



This preview shows how white text looks on a background with the Hex color 94000F.

# 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**  
94000F

**Protanopia**  
534B1C

**Tritanopia**  
930E00

# Trichromacy



**Original Color**  
94000F

**Protanomaly**  
6B3017

**Tritanomaly**  
930905

# Monochromacy



**Original Color**  
94000F

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
531D23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94000F 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 #94000F looks like.

```
.text, #text, p{  
    color:#94000F  
}
```

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 #94000F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94000F
}
```

## Border

The CSS property to change the border of an element to Hex 94000F is called "border". The border property can be set on classes, ids or directly on the HTML element.

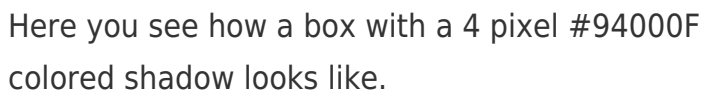
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94000F }
```

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

```
.border{ border-color:#94000F }
```

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



Here you see how a box with a 4 pixel #94000F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94000F; -webkit-box-shadow:4px 4px  
4px 4px #94000F; box-shadow:4px 4px 4px  
4px #94000F }
```

# Background

The CSS property to change the background color of an element to Hex 94000F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94000F }
```

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

```
.background{ background-color:#94000F }
```

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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