

Converting Colors

Hex(94800F)

Have a look what the booklet for
Hex(94800F) contains.

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Color

Hex(94800F)

Conversions

Conversions Part 1

Format	Color
Hex	94800F
RGB	148, 128, 15
RGB Percent	58%, 50%, 6%
CMY	0.4196, 0.4980, 0.9412
CMYK	0.00, 0.14, 0.90, 0.42
HSL	51°, 82%, 32%
HSV	51°, 90%, 58%
XYZ	20.0181, 21.7687, 3.5987
YIQ	121.0980, 48.1930, -30.9030

Conversions

Conversions Part 2

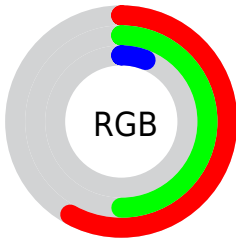
Format	Color
R_{YB}	39, 148, 15
Decimal	9732111
CIE _{Lab}	53.78, -3.29, 56.13
CIE _{LCh}	54, 56.225, 93.359
Yxy	21.7687, 0.4411, 0.4796
Android (android.graphics.Color)	4287922191 (0xFF94800F)
YUV	121.0980, -52.3063, 23.5931
Hunter-Lab	46.6570, -5.0644, 28.0868

Details

The Hex color **94800F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0F2394**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CEB449**, and **5D4F00** is the 20% darker color. If you saturate the color by 10%, you get **947E00**, and if you desaturate by 10%, it is **94821E**.

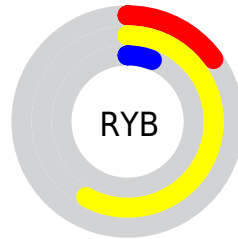
Distribution



Red (58%)

Green (50%)

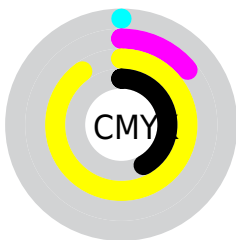
Blue (6%)



Red (15%)

Yellow (58%)

Blue (6%)

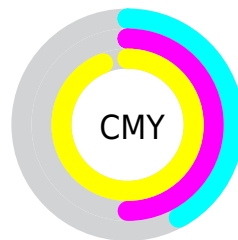


Cyan (0%)

Magenta (14%)

Yellow (90%)

Black (42%)



Cyan (42%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94800F 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 94800F by changing the saturation by 10% instead.

 94800F

 94800F

FFFFFF

 786700

 CEB449

 5D4F00

 EBD064

 423900

 FFEC7F

 292400

 FFFF9A

 0D0F00

 FFFFB5

 000000

 FFFF D2

 FFFF EF

 94800F

 94800F

■ 947E00

■ 94821E

■ 94842D

■ 94873B

■ 94894A

■ 948B59

■ 948D68

■ 949077

■ 949285

■ 949494

Harmonies

Analogous

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



BB6E26



94800F



628D27

Triad

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



94800F



0097B5



BF5CAD

Complementary

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



94800F



0F2394

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.



8871D2



94800F



0091D7

Square

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



94800F



009785



0084E2



D7517D

Rectangle

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



94800F



339243



0084E2



B163BB

Sweetspot

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



94800F



BFB78C



940F25



615C42



E0E0E0



616161

Same Dimension

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



94800F



BFA200



68940F



4A4943



8A7500



0A0900

Inverse Universe

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



0F2394



001DBF



3B0F94



43444A



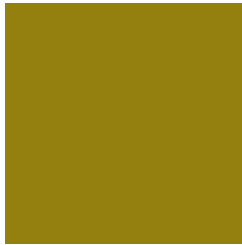
00158A



00020A

Previews

White Background



This preview shows how the Hex color 94800F looks on a white background.

Color Contrast Check

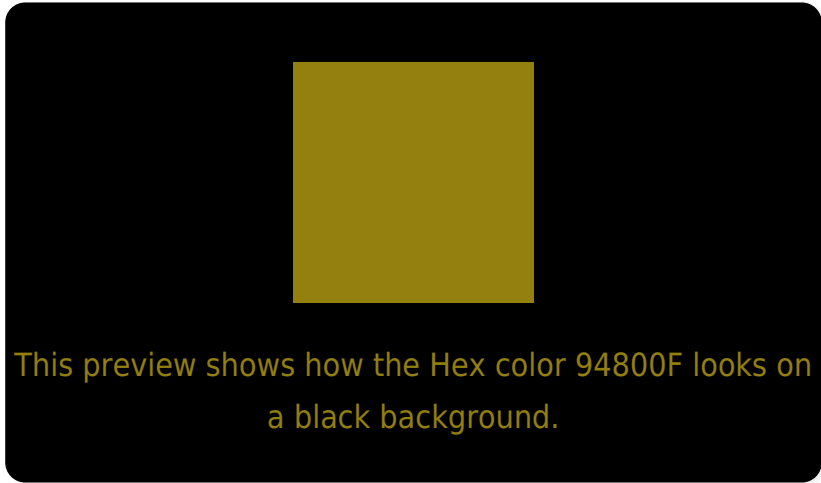
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 94800F Background



This preview shows how black text looks on a background with the Hex color 94800F.



This preview shows how white text looks on a background with the Hex color 94800F.

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
94800F

Protanopia
91810F

Deuteranopia
A27A15



Tritanopia
9B7780

Trichromacy



Original Color
94800F

Protanomaly
92810F

Deuteranomaly
9D7C13

Tritanomaly
987A57

Monochromacy



Original Color
94800F

Achromatopsia
797979

Achromatomaly
837C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 94800F 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 #94800F looks like.

```
.text, #text, p{  
    color:#94800F  
}
```

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 #94800F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94800F
}
```

Border

The CSS property to change the border of an element to Hex 94800F is called "border". The border property can be set on classes, ids or directly on the HTML element.

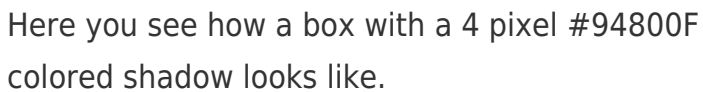
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94800F }
```

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

```
.border{ border-color:#94800F }
```

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



Here you see how a box with a 4 pixel #94800F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94800F; -webkit-box-shadow:4px 4px  
4px 4px #94800F; box-shadow:4px 4px 4px  
4px #94800F }
```

Background

The CSS property to change the background color of an element to Hex 94800F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94800F }
```

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

```
.background{ background-color:#94800F }
```

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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