

Converting Colors

Hex(957100)

Have a look what the booklet for
Hex(957100) contains.

Hex(957100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(957100)

Conversions

Conversions Part 1

Format	Color
Hex	957100
RGB	149, 113, 0
RGB Percent	58%, 44%, 0%
CMY	0.4157, 0.5569, 1.0000
CMYK	0.00, 0.24, 1.00, 0.42
HSL	46°, 100%, 29%
HSV	46°, 100%, 58%
XYZ	18.2996, 18.1998, 2.5484
YIQ	110.8820, 57.7290, -27.5110

Conversions

Conversions Part 2

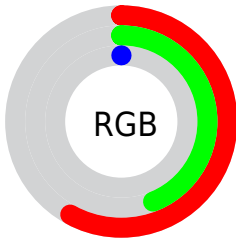
Format	Color
R_{YB}	47, 149, 0
Decimal	9793792
CIE Lab	49.74, 5.36, 56.13
CIE LCh	50, 56.387, 84.541
Yxy	18.1998, 0.4686, 0.4661
Android (android.graphics.Color)	4287983872 (0xFF957100)
YUV	110.8820, -54.6648, 33.4295
Hunter-Lab	42.6612, 1.9105, 26.3211

Details

The Hex color **957100** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002495**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CFA440**, and **5D4200** is the 20% darker color. If you saturate the color by 10%, you get **957100**, and if you desaturate by 10%, it is **95750F**.

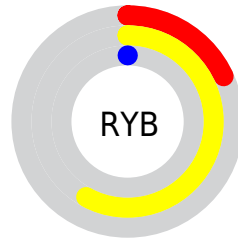
Distribution



Red (58%)

Green (44%)

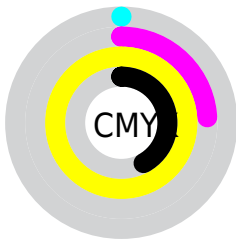
Blue (0%)



Red (18%)

Yellow (58%)

Blue (0%)

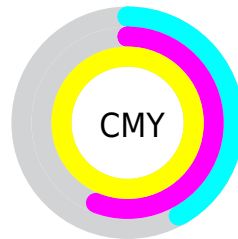


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 957100 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 957100 by changing the saturation by 10% instead.

 957100

 957100

FFFFFF

 795900

 CFA440

 5D4200

 EDBF5A

 422C00

 FFDB74

 291800

 FFF88F

 0B0000

 FFFFAB

 000000

 FFFFC7

 FFFF E4

 957100

 95750F

 95781E

 957C2D

 957F3C

 95834B

 958759

 958A68

 958E77

 959186

Harmonies

Analogous

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



B85D27



957100



677F0F

Triad

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



957100



008C9D



A757AF

Complementary

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



957100



002495

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.



656DCE



957100



0089C4

Square

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



957100



008C6C



007FD6



C74781

Rectangle

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



957100



40862C



007FD6



965FBB

Sweetspot

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



957100



C2B488



950025



61583E



E0E0E0



616161

Same Dimension

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



957100



C29300



709500



4A4843



8A6800



0A0800

Inverse Universe

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



002495



002FC2



250095



43444A



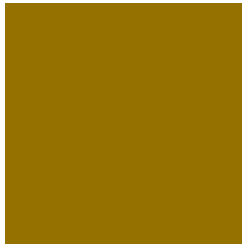
00218A



00020A

Previews

White Background



This preview shows how the Hex color 957100 looks on a white background.

Color Contrast Check

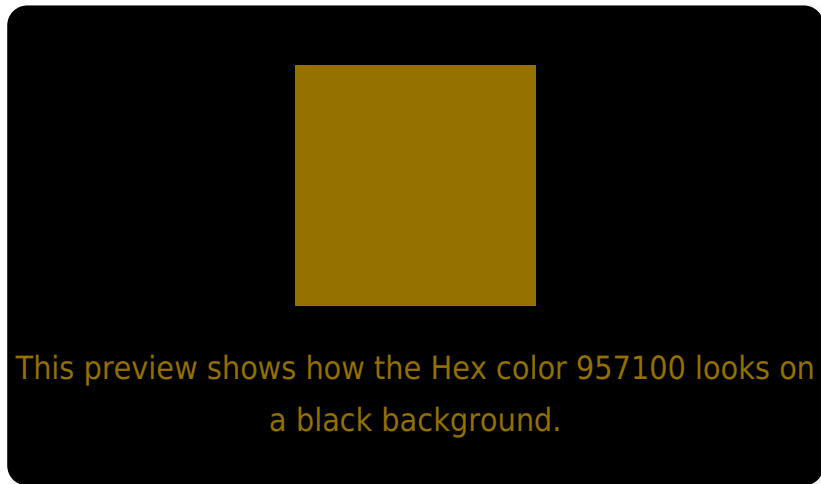
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 957100 Background



This preview shows how black text looks on a background with the Hex color 957100.



This preview shows how white text looks on a background with the Hex color 957100.

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
957100

Protanopia
867708

Deuteranopia
967105



Tritanopia
9A6971

Trichromacy



Original Color
957100

Protanomaly
8B7505

Deuteranomaly
967103

Tritanomaly
986C48

Monochromacy



Original Color
957100

Achromatopsia
6F6F6F

Achromatomaly
7D7047

CSS Examples

Text

The CSS property to change the color of the text to Hex 957100 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 #957100 looks like.

```
.text, #text, p{  
    color:#957100  
}
```

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 #957100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #957100
}
```

Border

The CSS property to change the border of an element to Hex 957100 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
#957100 }
```

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

```
.border{ border-color:#957100 }
```

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

Here you see how a box with a 4 pixel #957100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #957100; -webkit-box-shadow:4px 4px  
4px 4px #957100; box-shadow:4px 4px 4px  
4px #957100 }
```

Background

The CSS property to change the background color of an element to Hex 957100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#957100 }
```

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

```
.background{ background-color:#957100 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor