

Converting Colors

Hex(917100)

Have a look what the booklet for
Hex(917100) contains.

Hex(917100)	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(917100)

Conversions

Conversions Part 1

Format	Color
Hex	917100
RGB	145, 113, 0
RGB Percent	57%, 44%, 0%
CMY	0.4314, 0.5569, 1.0000
CMYK	0.00, 0.22, 1.00, 0.43
HSL	47°, 100%, 28%
HSV	47°, 100%, 57%
XYZ	17.5822, 17.8300, 2.5149
YIQ	109.6860, 55.3450, -28.3590

Conversions

Conversions Part 2

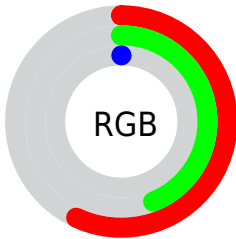
Format	Color
RYB	41, 145, 0
Decimal	9531648
CIELab	49.29, 3.47, 55.61
CIELCh	49, 55.719, 86.426
Yxy	17.8300, 0.4636, 0.4701
Android (android.graphics.Color)	4287721728 (0xFF917100)
YUV	109.6860, -54.0752, 30.9704
Hunter-Lab	42.2256, 0.4303, 26.0267

Details

The Hex color **917100** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002091**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **CBA440**, and **5A4200** is the 20% darker color. If you saturate the color by 10%, you get **917100**, and if you desaturate by 10%, it is **91740E**.

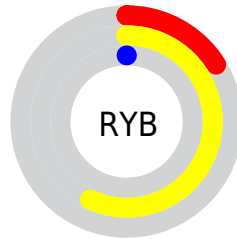
Distribution



Red (57%)

Green (44%)

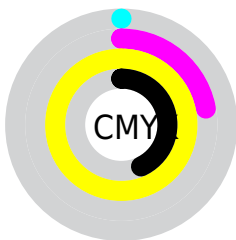
Blue (0%)



Red (16%)

Yellow (57%)

Blue (0%)

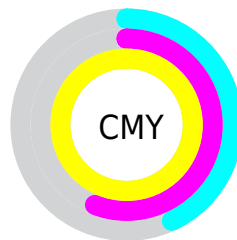


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (43%)



Cyan (43%)


Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 917100 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 917100 by changing the saturation by 10% instead.

 917100

 917100

FFFFFF

 755900

 CBA440

 5A4200

 E9BF5A

 3F2C00

 FFDB74

 261800

 FFF88F


 010000

 FFFFAB

 000000

 FFFFC7

 FFFF E3

 917100

 91740E

 91771D

 917B2C

 917E3A

 918149

 918457

 918766

 918B74

 918E83

Harmonies

Analogous

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



B45E25



917100



637F12

Triad

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



917100



008B9E



A855AA

Complementary

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



917100



002091

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.



696BCA



917100



0087C3

Square

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



917100



008B6E



007CD4



C6467D

Rectangle

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



917100



3B852F



007CD4



985DB7

Sweetspot

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



917100



BDB084



910022



5E573C



DEDEDE



5E5E5E

Same Dimension

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



917100



BD9300



6A9100



474640



876900



080600

Inverse Universe

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



002091



002ABD



270091



404247



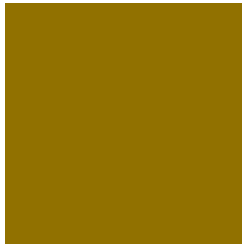
001E87



000208

Previews

White Background



This preview shows how the Hex color 917100 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 917100 Background



This preview shows how black text looks on a background with the Hex color 917100.

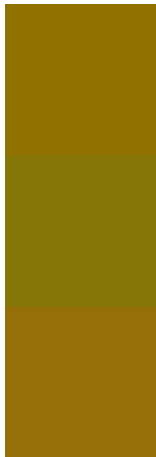


This preview shows how white text looks on a background with the Hex color 917100.

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
917100

Protanopia
857607

Deuteranopia
956F08



Tritanopia
976971

Trichromacy



Original Color
917100

Protanomaly
897404

Deuteranomaly
947005

Tritanomaly
956C48

Monochromacy



Original Color
917100

Achromatopsia
6E6E6E

Achromatomaly
7B6F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 917100 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 #917100 looks like.

```
.text, #text, p{  
    color:#917100  
}
```

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 #917100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #917100
}
```

Border

The CSS property to change the border of an element to Hex 917100 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
#917100 }
```

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

```
.border{ border-color:#917100 }
```

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

Here you see how a box with a 4 pixel #917100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #917100; -webkit-box-shadow:4px 4px  
4px 4px #917100; box-shadow:4px 4px 4px  
4px #917100 }
```

Background

The CSS property to change the background color of an element to Hex 917100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#917100 }
```

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

```
.background{ background-color:#917100 }
```

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