

# Converting Colors

Hex(907E03)

Have a look what the booklet for  
Hex(907E03) contains.

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**Color**

**Hex(907E03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	907E03
RGB	144, 126, 3
RGB Percent	56%, 49%, 1%
CMY	0.4353, 0.5059, 0.9882
CMYK	0.00, 0.12, 0.98, 0.44
HSL	52°, 96%, 29%
HSV	52°, 98%, 56%
XYZ	18.9789, 20.8576, 3.1118
YIQ	117.3600, 50.2110, -34.4370

# Conversions

## Conversions Part 2

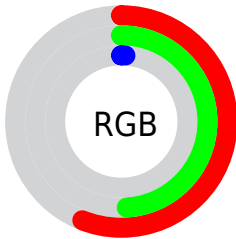
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 144, 3
Decimal	9469443
CIE Lab	52.79, -4.28, 57.46
CIE LCh	53, 57.621, 94.257
Yxy	20.8576, 0.4419, 0.4856
Android (android.graphics.Color)	4287659523 (0xFF907E03)
YUV	117.3600, -56.3795, 23.3633
Hunter-Lab	45.6701, -5.7443, 27.9293

# Details

The Hex color **907E03** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **031590**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **C9B244**, and **5A4D00** is the 20% darker color. If you saturate the color by 10%, you get **907E00**, and if you desaturate by 10%, it is **908011**.

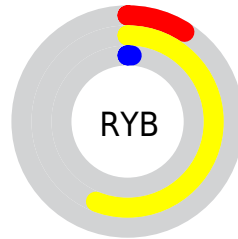
# Distribution



Red (56%)

Green (49%)

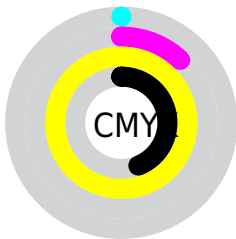
Blue (1%)



Red (9%)

Yellow (56%)

Blue (1%)

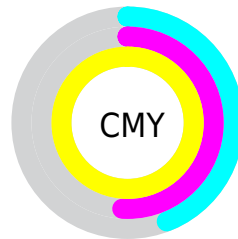


Cyan (0%)

Magenta (12%)

Yellow (98%)

Black (44%)



Cyan (44%)

Magenta (51%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 907E03 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 907E03 by changing the saturation by 10% instead.





907E03



907E03

FFFFFF



746500



C9B244



5A4D00



E7CE5E



3F3700



FFEA79



252200



FFFF94



050D00



FFFFB0



000000



FFFACC



FFFFE9



907E03



907E03

■ 907E00

■ 908011

■ 908220

■ 90842E

■ 90853D

■ 90874B

■ 908959

■ 908B68

■ 908D76

■ 908F85

# Harmonies

## Analogous

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



B86B20



907E03



5D8B23

# Triad

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



907E03



0094B5



BF57AA

# Complementary

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



907E03



031590

# 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.



886ED0



907E03



008ED7

# Square

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



907E03



009584



0082E1



D64C79

# Rectangle

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



907E03



289041



0082E1



B05EB9



# Sweetspot

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



907E03



BAB384



900316



5E5A3D



DEDEDE



5E5E5E



# Same Dimension

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



907E03



BAA200



5C9003



474640



877600



080700



# Inverse Universe

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



031590



0018BA



370390



404147



001187

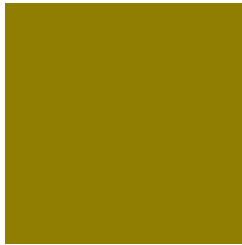


000108



# Previews

## White Background



This preview shows how the Hex color 907E03 looks on a white background.

## Color Contrast Check

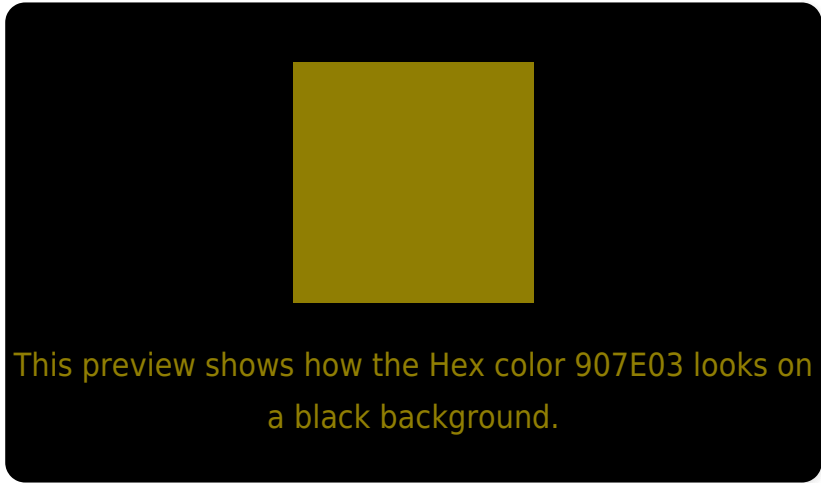
Large Text (above 18pt) WCAG AA ✓ Pass

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 907E03 Background



This preview shows how black text looks on a background with the Hex color 907E03.



This preview shows how white text looks on a background with the Hex color 907E03.

# 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**  
907E03

**Protanopia**  
8E7F04

**Deuteranopia**  
9F780F



**Tritanopia**  
97757E

# Trichromacy



**Original Color**  
907E03

**Protanomaly**  
8F7F04

**Deuteranomaly**  
9A7A0B

**Tritanomaly**  
947851

# Monochromacy



**Original Color**  
907E03

**Achromatopsia**  
757575

**Achromatomaly**  
7F784C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 907E03 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 #907E03 looks like.

```
.text, #text, p{  
    color:#907E03  
}
```

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 #907E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #907E03
}
```

## Border

The CSS property to change the border of an element to Hex 907E03 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
#907E03 }
```

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

```
.border{ border-color:#907E03 }
```

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

Here you see how a box with a 4 pixel #907E03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #907E03; -webkit-box-shadow:4px 4px  
4px 4px #907E03; box-shadow:4px 4px 4px  
4px #907E03 }
```

# Background

The CSS property to change the background color of an element to Hex 907E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#907E03 }
```

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

```
.background{ background-color:#907E03 }
```

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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