

Converting Colors

Hex(926A00)

Have a look what the booklet for
Hex(926A00) contains.

Hex(926A00)	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>	28

Color

Hex(926A00)

Conversions

Conversions Part 1

Format	Color
Hex	926A00
RGB	146, 106, 0
RGB Percent	57%, 42%, 0%
CMY	0.4275, 0.5843, 1.0000
CMYK	0.00, 0.27, 1.00, 0.43
HSL	44°, 100%, 29%
HSV	44°, 100%, 57%
XYZ	17.0081, 16.4191, 2.2728
YIQ	105.8760, 57.8660, -24.4860

Conversions

Conversions Part 2

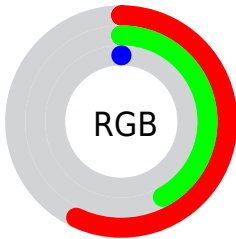
Format	Color
R_{YB}	55, 146, 0
Decimal	9595392
CIE _{Lab}	47.52, 7.97, 54.45
CIE _{LCh}	48, 55.029, 81.676
Yxy	16.4191, 0.4764, 0.4599
Android (android.graphics.Color)	4287785472 (0xFF926A00)
YUV	105.8760, -52.1969, 35.1887
Hunter-Lab	40.5204, 4.0130, 25.0388

Details

The Hex color **926A00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002892**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **CC9D3E**, and **5A3B00** is the 20% darker color. If you saturate the color by 10%, you get **926A00**, and if you desaturate by 10%, it is **926E0F**.

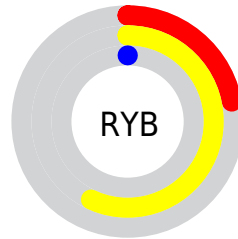
Distribution



Red (57%)

Green (42%)

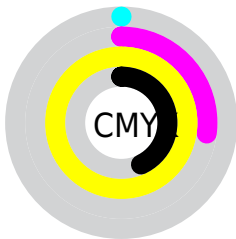
Blue (0%)



Red (22%)

Yellow (57%)

Blue (0%)

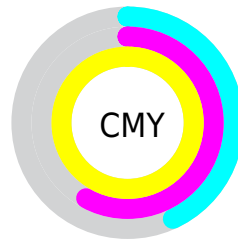


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 926A00 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 926A00 by changing the saturation by 10% instead.

 926A00

 926A00

FFFFFFE

 765200

 CC9D3E

 5A3B00

 EAB858

 3F2600

 FFD372

 261200

 FFF08D

 000000

 FFFFA8

 FFFFC4

 FFFFE1

 926A00

 926E0F

 92721D

 92762C

 927A3A

 927E49

 928258

 928666

 928A75

 928E83

Harmonies

Analogous

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



B25728



926A00



677807

Triad

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



926A00



008692



9C55AB

Complementary

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



926A00



002892

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.



566AC7



926A00



0083B9

Square

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



926A00



008562



007ACD



BD4380

Rectangle

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



926A00



427F25



007ACD



8A5CB7

Sweetspot

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



926A00



BDAD84



920029



5E553C



DEDEDE



5E5E5E

Same Dimension

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



926A00



BD8900



729200



4A4843



8A6400



0A0700

Inverse Universe

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



002892



0034BD



200092



43454A



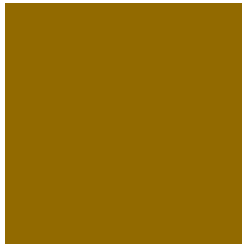
00268A



00030A

Previews

White Background



This preview shows how the Hex color 926A00 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 × 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 926A00 Background



This preview shows how black text looks on a background with the Hex color 926A00.



This preview shows how white text looks on a background with the Hex color 926A00.

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

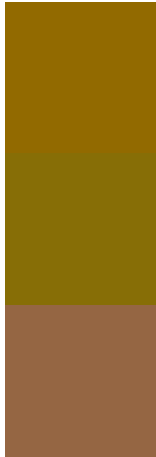


Original Color
926A00

Protanopia
807109

Tritanopia
97636A

Trichromacy



Original Color
926A00

Protanomaly
876E06

Tritanomaly
956643

Monochromacy



Original Color
926A00

Achromatopsia
6A6A6A

Achromatomaly
796A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 926A00 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 #926A00 looks like.

```
.text, #text, p{  
    color:#926A00  
}
```

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 #926A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #926A00
}
```

Border

The CSS property to change the border of an element to Hex 926A00 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
#926A00 }
```

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

```
.border{ border-color:#926A00 }
```

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

Here you see how a box with a 4 pixel #926A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #926A00; -webkit-box-shadow:4px 4px  
4px 4px #926A00; box-shadow:4px 4px 4px  
4px #926A00 }
```

Background

The CSS property to change the background color of an element to Hex 926A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#926A00 }
```

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

```
.background{ background-color:#926A00 }
```

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