

Converting Colors

Hex(9A7600)

Have a look what the booklet for
Hex(9A7600) contains.

| | |
|--|----|
| Hex(9A7600) | 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(9A7600)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9A7600 |
| RGB | 154, 118, 0 |
| RGB Percent | 60%, 46%, 0% |
| CMY | 0.3961, 0.5373, 1.0000 |
| CMYK | 0.00, 0.23, 1.00, 0.40 |
| HSL | 46°, 100%, 30% |
| HSV | 46°, 100%, 60% |
| XYZ | 19.8049, 19.8269, 2.7831 |
| YIQ | 115.3120, 59.3340, -29.0660 |

Conversions

Conversions Part 2

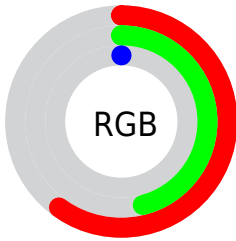
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 47, 154, 0 |
| Decimal | 10122752 |
| CIE _{Lab} | 51.64, 4.87, 57.71 |
| CIE _{LCh} | 52, 57.913, 85.177 |
| Yxy | 19.8269, 0.4669, 0.4675 |
| Android (android.graphics.Color) | 4288312832 (0xFF9A7600) |
| YUV | 115.3120, -56.8488, 33.9294 |
| Hunter-Lab | 44.5274, 1.4701, 27.4633 |

Details

The Hex color **9A7600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00249A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D5AA41**, and **624600** is the 20% darker color. If you saturate the color by 10%, you get **9A7600**, and if you desaturate by 10%, it is **9A7A0F**.

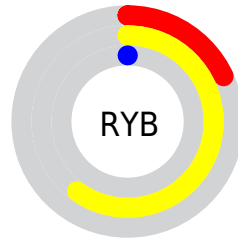
Distribution



Red (60%)

Green (46%)

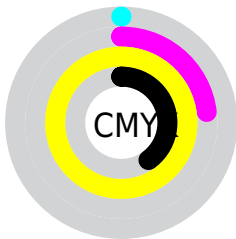
Blue (0%)



Red (18%)

Yellow (60%)

Blue (0%)

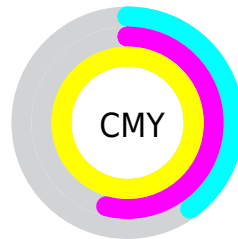


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7600 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 9A7600 by changing the saturation by 10% instead.

 9A7600

 9A7600

FFFFFF

 7E5E00

 D5AA41

 624600

 F3C55C

 473000

 FFE176

 2D1C00

 FFFD91

 130200

 FFFFAD

 000000

 FFFFC9

 FFFFEE

 9A7600

 9A7A0F

 9A7D1F

 9A812E

 9A843E

 9A884D

 9A8C5C

 9A8F6C

 9A937B

 9A968B

Harmonies

Analogous

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



BE6228



9A7600



6B8511

Triad

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



9A7600



0092A4



AF5BB4

Complementary

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



9A7600



00249A

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.



6B71D5



9A7600



008ECC

Square

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



9A7600



009271



0083DE



CF4A85

Rectangle

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



9A7600



418B2F



0083DE



9D62C2

Sweetspot

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



9A7600



C9BB8D



9A0027



665D41



E6E6E6



666666

Same Dimension

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



9A7600



C99A00



739A00



4D4B45



8C6B00



0D0A00

Inverse Universe

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



00249A



002FC9



27009A



45474D



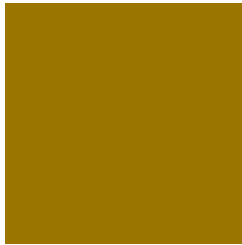
00218C



00030D

Previews

White Background



This preview shows how the Hex color 9A7600 looks on a white background.

Color Contrast Check

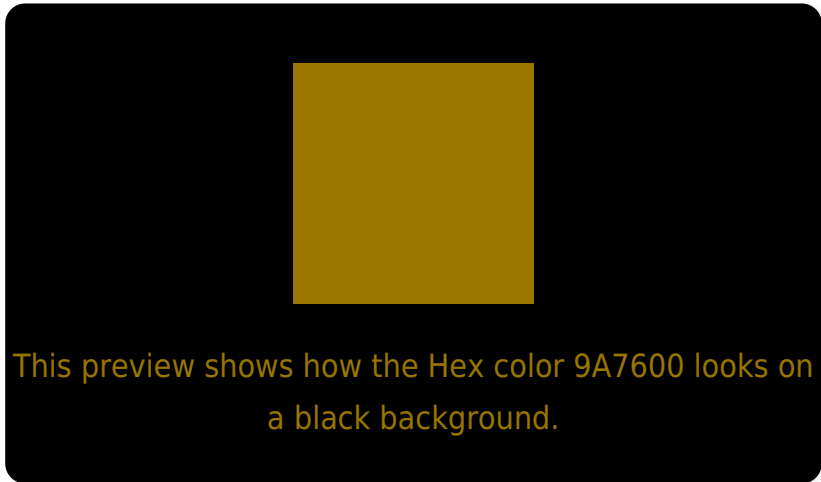
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A7600 Background



This preview shows how black text looks on a background with the Hex color 9A7600.



This preview shows how white text looks on a background with the Hex color 9A7600.

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
9A7600

Protanopia
8B7C08

Deuteranopia
9C7506



Tritanopia
A06E76

Trichromacy



Original Color
9A7600

Protanomaly
907A05

Deuteranomaly
9B7504

Tritanomaly
9E714B

Monochromacy



Original Color
9A7600

Achromatopsia
737373

Achromatomaly
817449

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7600 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 #9A7600 looks like.

```
.text, #text, p{  
    color:#9A7600  
}
```

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 #9A7600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7600
}
```

Border

The CSS property to change the border of an element to Hex 9A7600 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
#9A7600 }
```

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

```
.border{ border-color:#9A7600 }
```

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

Here you see how a box with a 4 pixel #9A7600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7600; -webkit-box-shadow:4px 4px  
4px 4px #9A7600; box-shadow:4px 4px 4px  
4px #9A7600 }
```

Background

The CSS property to change the background color of an element to Hex 9A7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7600 }
```

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

```
.background{ background-color:#9A7600 }
```

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