

Converting Colors

Hex(945600)

Have a look what the booklet for
Hex(945600) contains.

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Color

Hex(945600)

Conversions

Conversions Part 1

Format	Color
Hex	945600
RGB	148, 86, 0
RGB Percent	58%, 34%, 0%
CMY	0.4196, 0.6627, 1.0000
CMYK	0.00, 0.42, 1.00, 0.42
HSL	35°, 100%, 29%
HSV	35°, 100%, 58%
XYZ	15.5405, 12.9515, 1.6808
YIQ	94.7340, 64.5580, -13.6020

Conversions

Conversions Part 2

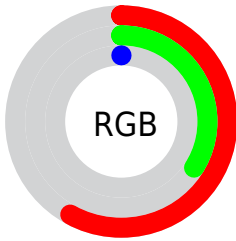
Format	Color
RYB	107, 148, 0
Decimal	9721344
CIELab	42.69, 20.43, 51.39
CIELCh	43, 55.305, 68.316
Yxy	12.9515, 0.5151, 0.4292
Android (android.graphics.Color)	4287911424 (0xFF945600)
YUV	94.7340, -46.7039, 46.7143
Hunter-Lab	35.9882, 14.1012, 22.4226

Details

The Hex color **945600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003E94**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **CF883A**, and **5B2800** is the 20% darker color. If you saturate the color by 10%, you get **945600**, and if you desaturate by 10%, it is **945C0F**.

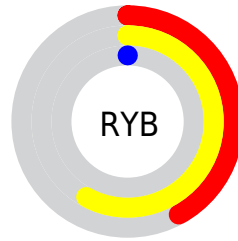
Distribution



Red (58%)

Green (34%)

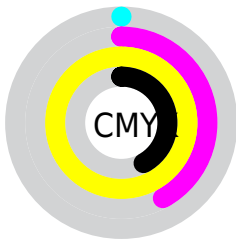
Blue (0%)



Red (42%)

Yellow (58%)

Blue (0%)

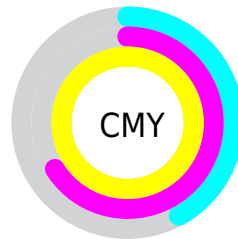


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 945600 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 945600 by changing the saturation by 10% instead.

 945600

 945600

 FFFFF7

 773E00

 CF883A

 5B2800

 EEA253

 3F1300

 FFBD6D

 280000

 FFD987

 000000

 FFF6A2

 FFFFBE

 FFFFDA

 945600

 945C0F

 94621E

 94692C

 946F3B

 94754A

 947B59

 948168

 948876

 948E85

Harmonies

Analogous

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



AE412E



945600



6E6700

Triad

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



945600



007971



7652AD

Complementary

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



945600



003E94

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.



0066C0



945600



00789D

Square

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



945600



007741



0073BA



A43C88

Rectangle

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



945600



4F6F00



0073BA



5D5AB6

Sweetspot

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



945600



BFA786



940040



61523E



E0E0E0



616161

Same Dimension

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



945600



BF6F00



8A9400



4A4743



8A5000



0A0600

Inverse Universe

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



003E94



0050BF



0A0094



43464A



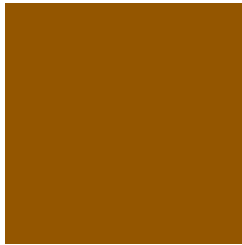
003A8A



00040A

Previews

White Background



This preview shows how the Hex color 945600 looks on a white background.

Color Contrast Check

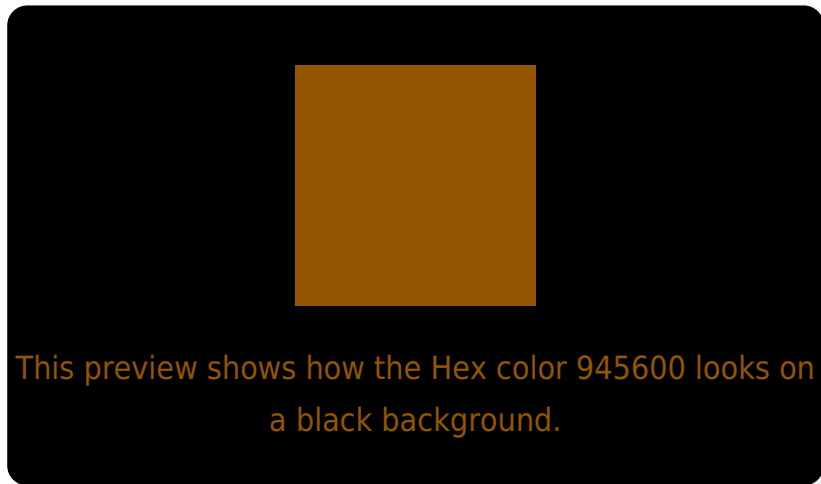
Large Text (above 18pt) WCAG AA ✓ Pass

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 945600 Background



This preview shows how black text looks on a background with the Hex color 945600.



This preview shows how white text looks on a background with the Hex color 945600.

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
945600

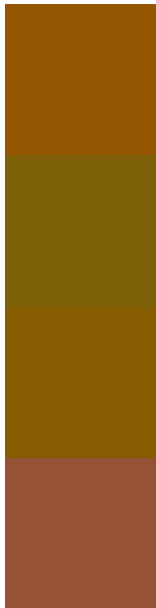
Protanopia
72660C

Deuteranopia
806000



Tritanopia
975056

Trichromacy



Original Color
945600

Protanomaly
7E6008

Deuteranomaly
875C00

Tritanomaly
965237

Monochromacy



Original Color
945600

Achromatopsia
5F5F5F

Achromatomaly
725C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 945600 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 #945600 looks like.

```
.text, #text, p{  
    color:#945600  
}
```

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 #945600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945600
}
```

Border

The CSS property to change the border of an element to Hex 945600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

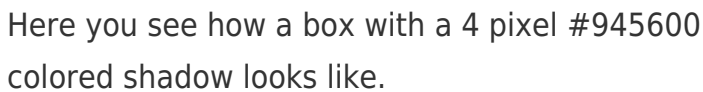
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945600 }
```

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

```
.border{ border-color:#945600 }
```

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



Here you see how a box with a 4 pixel #945600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945600; -webkit-box-shadow:4px 4px  
4px 4px #945600; box-shadow:4px 4px 4px  
4px #945600 }
```

Background

The CSS property to change the background color of an element to Hex 945600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945600 }
```

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

```
.background{ background-color:#945600 }
```

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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