

Converting Colors

Hex(964B00)

Have a look what the booklet for
Hex(964B00) contains.

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Color

Hex(964B00)

Conversions

Conversions Part 1

Format	Color
Hex	964B00
RGB	150, 75, 0
RGB Percent	59%, 29%, 0%
CMY	0.4118, 0.7059, 1.0000
CMYK	0.00, 0.50, 1.00, 0.41
HSL	30°, 100%, 29%
HSV	30°, 100%, 59%
XYZ	15.0938, 11.5162, 1.4273
YIQ	88.8750, 68.7750, -7.4250

Conversions

Conversions Part 2

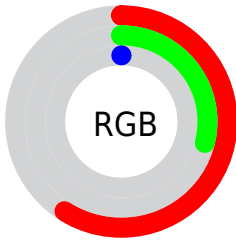
Format	Color
RYB	150, 150, 0
Decimal	9849600
CIELab	40.44, 27.50, 50.15
CIElCh	40, 57.193, 61.258
Yxy	11.5162, 0.5383, 0.4107
Android (android.graphics.Color)	4288039680 (0xFF964B00)
YUV	88.8750, -43.8154, 53.6066
Hunter-Lab	33.9355, 20.0057, 21.2611

Details

The Hex color **964B00** is a dark color, and the websafe version is hex **993300**, and the color name is **brown (traditional)**. A complement of this color would be **004B96**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D27D38**, and **5C1C00** is the 20% darker color. If you saturate the color by 10%, you get **964B00**, and if you desaturate by 10%, it is **96530F**.

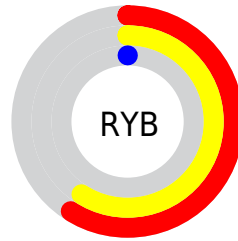
Distribution



Red (59%)

Green (29%)

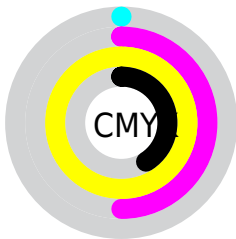
Blue (0%)



Red (59%)

Yellow (59%)

Blue (0%)

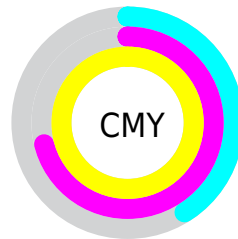


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 964B00 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 964B00 by changing the saturation by 10% instead.

 964B00

 964B00

 FFFFF4

 793300

 D27D38

 5C1C00

 F19751

 400400

 FF26A

 290001

 FFCE84

 000000

 FFEA9F

 FFFFBB

 FFFFD7

 964B00

 96530F

 965A1E

 96622D

 96693C

 96714B

 96785A

 968069

 968778

 968F87

Harmonies

Analogous

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



AD3432



964B00



725E00

Triad

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



964B00



007460



5E52B0

Complementary

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



964B00



004B96

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.



0065BE



964B00



00748F

Square

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



964B00



00712F



006FB1



98398D

Rectangle

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



964B00



546700



006FB1



3C59B7

Sweetspot

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



964B00



C2A588



96004B



614F3E



E0E0E0



616161

Same Dimension

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



964B00



C26100



969600



4A4643



8A4500



0A0500

Inverse Universe

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



004B96



0061C2



000096



43464A



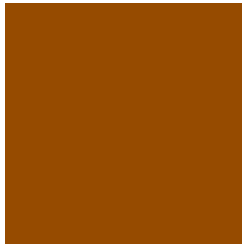
00458A



00050A

Previews

White Background



This preview shows how the Hex color 964B00 looks on a white background.

Color Contrast Check

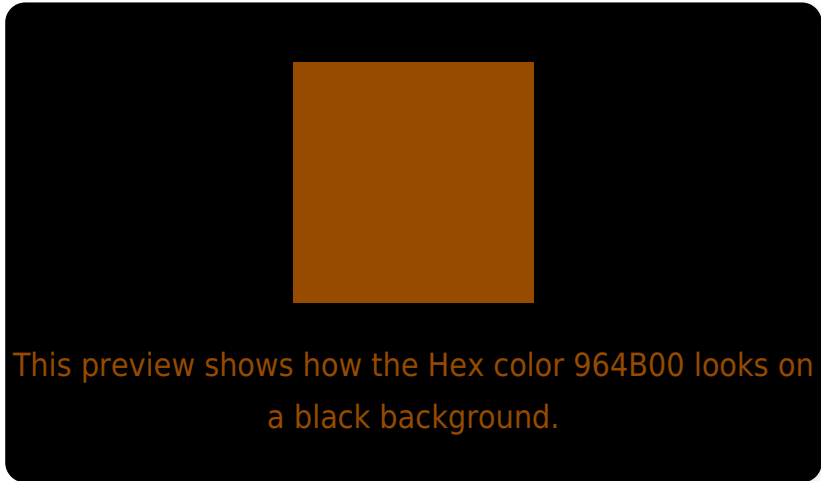
Large Text (above 18pt) WCAG AA ✓ Pass

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 964B00 Background



This preview shows how black text looks on a background with the Hex color 964B00.



This preview shows how white text looks on a background with the Hex color 964B00.

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
964B00

Protanopia
6C600D

Deuteranopia
795B00



Tritanopia
98464B

Trichromacy



Original Color
964B00

Protanomaly
7B5808

Deuteranomaly
845500

Tritanomaly
974830

Monochromacy



Original Color
964B00

Achromatopsia
595959

Achromatomaly
6F5439

CSS Examples

Text

The CSS property to change the color of the text to Hex 964B00 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 #964B00 looks like.

```
.text, #text, p{  
    color:#964B00  
}
```

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 #964B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964B00
}
```

Border

The CSS property to change the border of an element to Hex 964B00 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
#964B00 }
```

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

```
.border{ border-color:#964B00 }
```

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

Here you see how a box with a 4 pixel #964B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964B00; -webkit-box-shadow:4px 4px  
4px 4px #964B00; box-shadow:4px 4px 4px  
4px #964B00 }
```

Background

The CSS property to change the background color of an element to Hex 964B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964B00 }
```

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

```
.background{ background-color:#964B00 }
```

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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