

Converting Colors

Hex(96330D)

Have a look what the booklet for
Hex(96330D) contains.

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Color

Hex(96330D)

Conversions

Conversions Part 1

Format	Color
Hex	96330D
RGB	150, 51, 13
RGB Percent	59%, 20%, 5%
CMY	0.4118, 0.8000, 0.9490
CMYK	0.00, 0.66, 0.91, 0.41
HSL	17°, 84%, 32%
HSV	17°, 91%, 59%
XYZ	13.8341, 8.8807, 1.3658
YIQ	76.2690, 71.2020, 9.1700

Conversions

Conversions Part 2

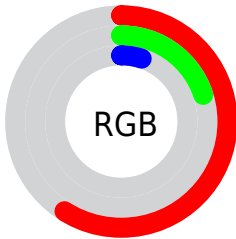
Format	Color
R _Y B	150, 66, 13
Decimal	9843469
CIE Lab	35.75, 39.94, 42.76
CIE LCh	36, 58.509, 46.957
Yxy	8.8807, 0.5745, 0.3688
Android (android.graphics.Color)	4288033549 (0xFF96330D)
YUV	76.2690, -31.1916, 64.6621
Hunter-Lab	29.8006, 30.7130, 18.1431

Details

The Hex color **96330D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D7096**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **D3663D**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **962A00**, and if you desaturate by 10%, it is **963E1C**.

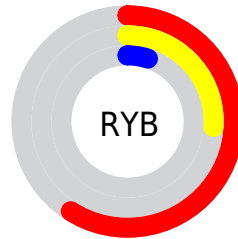
Distribution



Red (59%)

Green (20%)

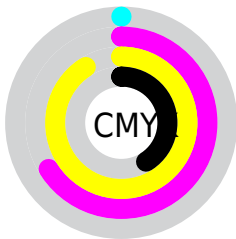
Blue (5%)



Red (59%)

Yellow (26%)

Blue (5%)

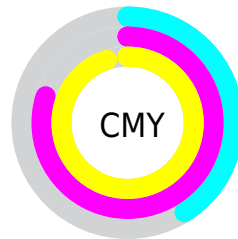


Cyan (0%)

Magenta (66%)

Yellow (91%)

Black (41%)



Cyan (41%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96330D 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 96330D by changing the saturation by 10% instead.

 96330D

 96330D

 FFFFF6

 791800

 D3663D

 5B0000

 F28055

 3F0000

 FF9B6E

 230001

 FFB788

 000000

 FFD3A2

 FFF0BE

 FFFFDA

 96330D

 96330D

■ 962A00

■ 963E1C

■ 96492B

■ 96543A

■ 965E49

■ 966958

■ 967467

■ 967F76

■ 968A85

■ 969594

Harmonies

Analogous

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



A4173C



96330D



784B00

Triad

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



96330D



00673D



0051AF

Complementary

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



96330D



0D7096

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.



0060B0



96330D



00686E

Square

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



96330D



006305



006798



763995

Rectangle

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



96330D



5D5600



006798



0057B2

Sweetspot

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



96330D



C29C8D



960D71



614A42



E0E0E0



616161

Same Dimension

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



96330D



C23600



96760D



4A4543



8A2600



0A0300

Inverse Universe

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



0D7096



008CC2



0D2D96



43484A



00648A



00070A

Previews

White Background



This preview shows how the Hex color 96330D looks on a white background.

Color Contrast Check

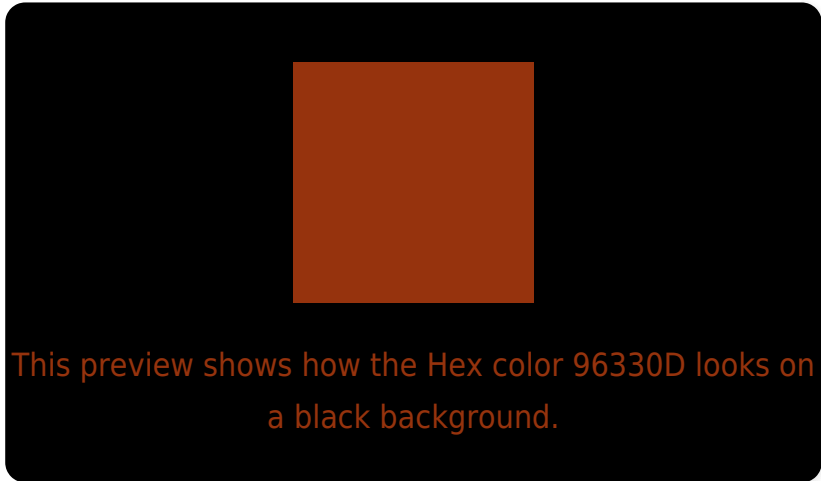
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 96330D Background



This preview shows how black text looks on a background with the Hex color 96330D.



This preview shows how white text looks on a background with the Hex color 96330D.

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

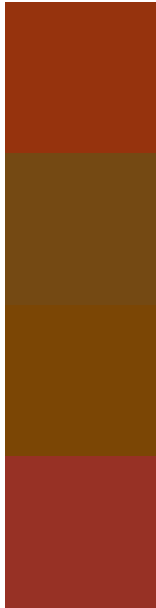


Original Color
96330D

Protanopia
605516

Deuteranopia
6C5100

Trichromacy



Original Color
96330D

Protanomaly
744913

Deuteranomaly
7B4605

Tritanomaly
973125

Monochromacy



Original Color
96330D

Achromatopsia
4C4C4C

Achromatomaly
674335

CSS Examples

Text

The CSS property to change the color of the text to Hex 96330D 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 #96330D looks like.

```
.text, #text, p{  
  color:#96330D  
}
```

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 #96330D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96330D
}
```

Border

The CSS property to change the border of an element to Hex 96330D is called "border". The border property can be set on classes, ids or directly on the HTML element.

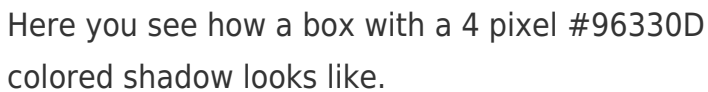
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96330D }
```

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

```
.border{ border-color:#96330D }
```

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



Here you see how a box with a 4 pixel #96330D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96330D; -webkit-box-shadow:4px 4px  
4px 4px #96330D; box-shadow:4px 4px 4px  
4px #96330D }
```

Background

The CSS property to change the background color of an element to Hex 96330D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96330D }
```

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

```
.background{ background-color:#96330D }
```

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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