

# Converting Colors

Hex(96230A)

Have a look what the booklet for  
Hex(96230A) contains.

<b>Hex(96230A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(96230A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96230A
RGB	150, 35, 10
RGB Percent	59%, 14%, 4%
CMY	0.4118, 0.8627, 0.9608
CMYK	0.00, 0.77, 0.93, 0.41
HSL	11°, 88%, 31%
HSV	11°, 93%, 59%
XYZ	13.2335, 7.7080, 1.0775
YIQ	66.5350, 76.5650, 16.6050

# Conversions

## Conversions Part 2

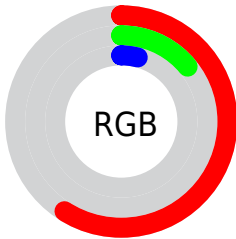
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 40, 10
Decimal	9839370
CIE <sub>Lab</sub>	33.37, 46.36, 42.18
CIE <sub>LCh</sub>	33, 62.674, 42.296
Yxy	7.7080, 0.6010, 0.3501
Android (android.graphics.Color)	4288029450 (0xFF96230A)
YUV	66.5350, -27.8718, 73.1988
Hunter-Lab	27.7633, 36.4970, 17.1333

# Details

The Hex color **96230A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0A7D96**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D35939**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **961B00**, and if you desaturate by 10%, it is **962F19**.

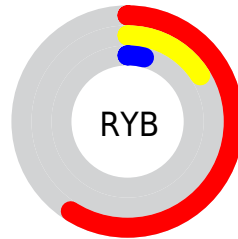
# Distribution



Red (59%)

Green (14%)

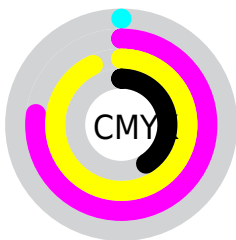
Blue (4%)



Red (59%)

Yellow (16%)

Blue (4%)

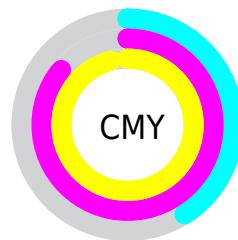


Cyan (0%)

Magenta (77%)

Yellow (93%)

Black (41%)



Cyan (41%)

Magenta (86%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96230A 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 96230A by changing the saturation by 10% instead.



 96230A

 96230A

 FFFFFF1

 780000

 D35939

 5A0000

 F37451

 3E0001

 FF8F69

 1F0001

 FFAA83

 000000

 FFC69D

 FFE3B9

 FFFFD4

 96230A

 96230A

■ 961B00

■ 962F19

■ 963C28

■ 964837

■ 965446

■ 966155

■ 966D64

■ 967973

■ 968682

■ 969291

# Harmonies

## Analogous

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



A2003D



96230A



784100

# Triad

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



96230A



00612E



004EB1

# Complementary

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



96230A



0A7D96

# 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.



005CAE



96230A



006362

# Square

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



96230A



005D00



006291



673599

# Rectangle

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



96230A



5D4E00



006291



0054B3



# Sweetspot

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



96230A



C2958C



960A7F



614640



E0E0E0



616161



# Same Dimension

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



96230A



C22300



96670A



4A4443



8A1900



0A0200



# Inverse Universe

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



0A7D96



009FC2



0A3996



43494A



00718A



00080A



# Previews

## White Background



This preview shows how the Hex color 96230A 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 96230A Background



This preview shows how black text looks on a background with the Hex color 96230A.



This preview shows how white text looks on a background with the Hex color 96230A.

# 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**  
96230A

**Protanopia**  
5A5015

**Tritanopia**  
962121

# Trichromacy



**Original Color**  
96230A

**Protanomaly**  
704011

**Tritanomaly**  
962219

# Monochromacy



**Original Color**  
96230A

**Achromatopsia**  
434343

**Achromatomaly**  
61372E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96230A 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 #96230A looks like.

```
.text, #text, p{  
    color:#96230A  
}
```

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 #96230A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96230A
}
```

## Border

The CSS property to change the border of an element to Hex 96230A is called "border". The border property can be set on classes, ids or directly on the HTML element.

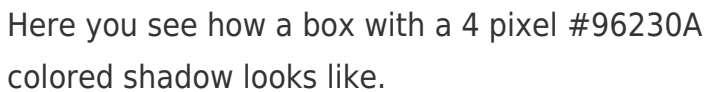
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96230A }
```

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

```
.border{ border-color:#96230A }
```

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



Here you see how a box with a 4 pixel #96230A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96230A; -webkit-box-shadow:4px 4px  
4px 4px #96230A; box-shadow:4px 4px 4px  
4px #96230A }
```

# Background

The CSS property to change the background color of an element to Hex 96230A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96230A }
```

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

```
.background{ background-color:#96230A }
```

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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