

# Converting Colors

Hex(936260)

Have a look what the booklet for  
Hex(936260) contains.

<b>Hex(936260)</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> .....	29

**Color**

**Hex(936260)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936260
RGB	147, 98, 96
RGB Percent	58%, 38%, 38%
CMY	0.4235, 0.6157, 0.6235
CMYK	0.00, 0.33, 0.35, 0.42
HSL	2°, 21%, 48%
HSV	2°, 35%, 58%
XYZ	18.5116, 15.7829, 13.1371
YIQ	112.4230, 29.8460, 9.7660

# Conversions

## Conversions Part 2

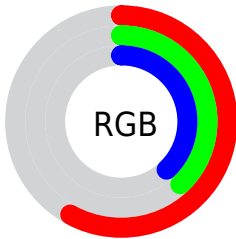
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 98, 96
Decimal	9658976
CIE <sub>Lab</sub>	46.69, 19.62, 9.26
CIE <sub>LCh</sub>	47, 21.692, 25.259
Yxy	15.7829, 0.3903, 0.3328
Android (android.graphics.Color)	4287849056 (0xFF936260)
YUV	112.4230, -8.0965, 30.3240
Hunter-Lab	39.7277, 13.6507, 8.2035

# Details

The Hex color **936260** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **609193**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CA9592**, and **5F3332** is the 20% darker color. If you saturate the color by 10%, you get **935451**, and if you desaturate by 10%, it is **93706F**.

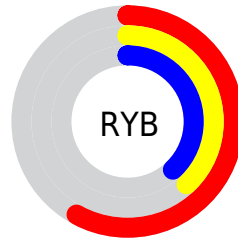
# Distribution



Red (58%)

Green (38%)

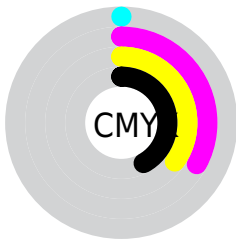
Blue (38%)



Red (58%)

Yellow (38%)

Blue (38%)

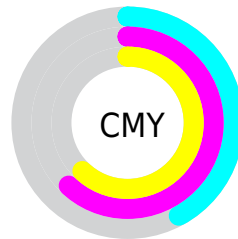


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936260 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 936260 by changing the saturation by 10% instead.



 936260

 936260

FFFFFF

 784A48

 CA9592

 5F3332

 E7B0AD

 461D1D

 FFCBC8

 2E0703

 FFE8E4

 0E0000

 000000

 936260

 936260

 935451

 93706F

 934643

 937E7D

 933834

 938C8C

 932A25

 939A9B

 931B17

 93A9AA

 930D08

 93B7B8

 930600

 93C5C7

 93D3D6

 93E1E4

# Harmonies

## Analogous

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



906172



936260



8C6651

# Triad

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



936260



567659



537193

# Complementary

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



936260



609193

# 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.



3B768C



936260



42796B

# Square

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



936260



6B724D



35787E



6D6B8F

# Rectangle

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



936260



846A4C



35787E



4A7391



# Sweetspot

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



936260



BFADAC



936091



615655



E0E0E0



616161



# Same Dimension

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



936260



BF726F



937B60



4A4343



8A0500



0A0000



# Inverse Universe

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



609193



6FBCBF



607893



434A4A



00848A



000A0A



# Previews

## White Background



This preview shows how the Hex color 936260 looks on a white background.

## Color Contrast Check

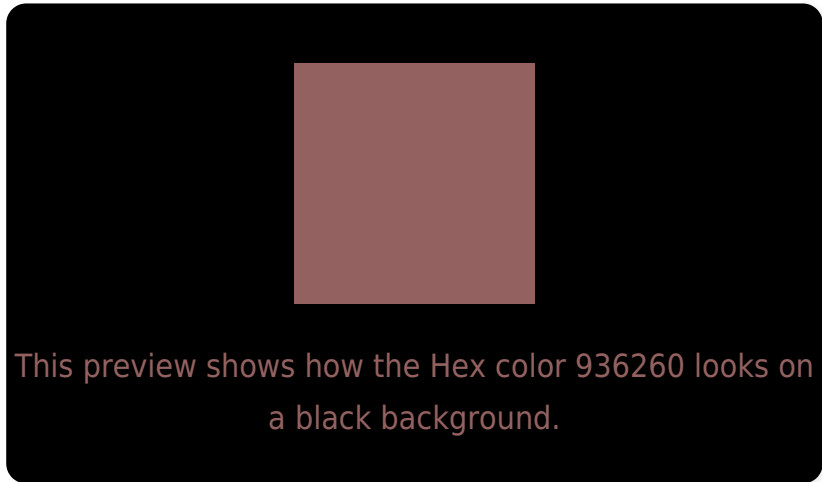
Large Text (above 18pt) WCAG AA ✓ Pass

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

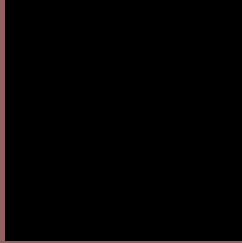
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 936260 Background



This preview shows how black text looks on a background with the Hex color 936260.



This preview shows how white text looks on a background with the Hex color 936260.

# 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**  
936260

**Protanopia**  
736F67

**Deuteranopia**  
806B5E



**Tritanopia**  
946168

# Trichromacy



**Original Color**  
936260

**Protanomaly**  
7F6A64

**Deuteranomaly**  
87685F

**Tritanomaly**  
946165

# Monochromacy



**Original Color**  
936260

**Achromatopsia**  
707070

**Achromatomaly**  
7D6B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936260 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 #936260 looks like.

```
.text, #text, p{  
    color:#936260  
}
```

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 #936260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936260  
}
```

## Border

The CSS property to change the border of an element to Hex 936260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

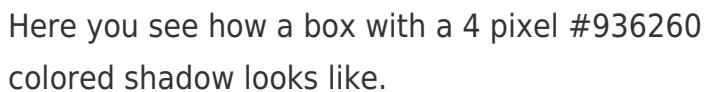
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#936260 }
```

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

```
.border{ border-color:#936260 }
```

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



Here you see how a box with a 4 pixel #936260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936260; -webkit-box-shadow:4px 4px  
4px 4px #936260; box-shadow:4px 4px 4px  
4px #936260 }
```

# Background

The CSS property to change the background color of an element to Hex 936260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936260 }
```

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

```
.background{ background-color:#936260 }
```

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