

# Converting Colors

Hex(957D38)

Have a look what the booklet for  
Hex(957D38) contains.

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**Color**

**Hex(957D38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	957D38
RGB	149, 125, 56
RGB Percent	58%, 49%, 22%
CMY	0.4157, 0.5098, 0.7804
CMYK	0.00, 0.16, 0.62, 0.42
HSL	45°, 45%, 40%
HSV	45°, 62%, 58%
XYZ	20.4419, 21.3423, 6.7835
YIQ	124.3100, 36.4530, -16.3710

# Conversions

## Conversions Part 2

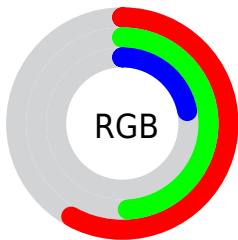
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 149, 56
Decimal	9796920
CIELab	53.32, 0.77, 40.24
CIELCh	53, 40.243, 88.908
Yxy	21.3423, 0.4209, 0.4394
Android (android.graphics.Color)	4287987000 (0xFF957D38)
YUV	124.3100, -33.6768, 21.6531
Hunter-Lab	46.1977, -1.8623, 23.6326

# Details

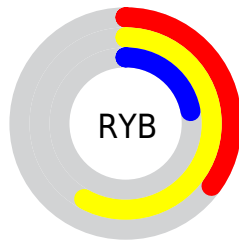
The Hex color **957D38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **385095**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CDB16A**, and **5F4C05** is the 20% darker color. If you saturate the color by 10%, you get **957929**, and if you desaturate by 10%, it is **958147**.

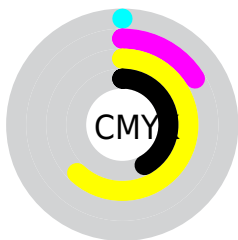
# Distribution



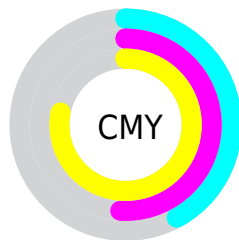
- Red (58%)
- Green (49%)
- Blue (22%)



- Red (35%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (62%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 957D38 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 957D38 by changing the saturation by 10% instead.



 957D38

 957D38

FFFFFF

 7A6420

 CDB16A

 5F4C05

 EACD83

 463600

 FFE99E

 2D2100

 FFFFB9

 130B00

 FFFF5

 000000

 FFFFF2

 957D38

 957D38

 957929

 958147

■ 95751A

■ 958556

■ 95710B

■ 958965

■ 956F00

■ 958C74

■ 959083

■ 959491

■ 9598A0

■ 959CAF

■ 95A0BE

# Harmonies

## Analogous

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



B07045



957D38



728740

# Triad

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



957D38



0090A0



A96AA4

# Complementary

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



957D38



385095

# 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.



8077BC



957D38



008CBA

# Square

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



957D38



00917D



3E83C4



BE6282

# Rectangle

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



957D38



568C50



3E83C4



9D6EAD



# Sweetspot

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



957D38



C2B89D



953851



615B4B



E0E0E0



616161



# Same Dimension

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



957D38



C29C30



7F9538



4A4843



8A6600



0A0800



# Inverse Universe

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



385095



3056C2



4E3895



43444A



00248A



00030A



# Previews

## White Background



This preview shows how the Hex color 957D38 looks on a white background.

## Color Contrast Check

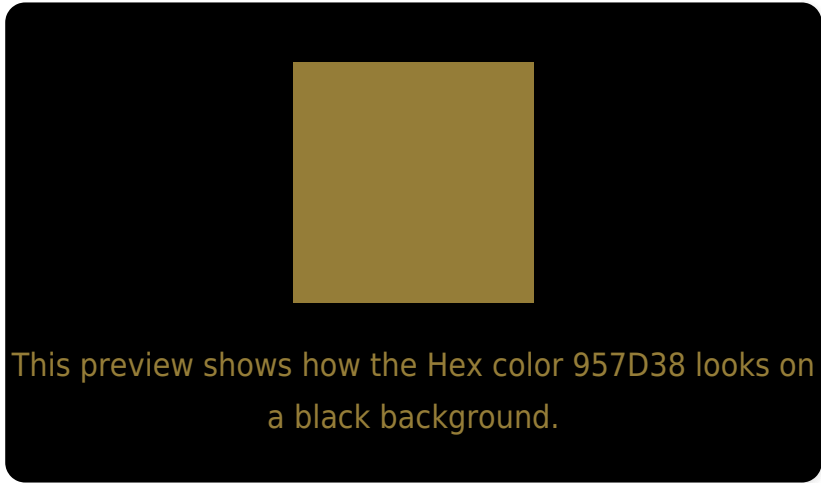
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

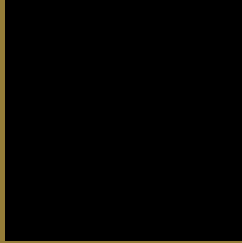
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 957D38 Background



This preview shows how black text looks on a background with the Hex color 957D38.



This preview shows how white text looks on a background with the Hex color 957D38.

# 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**  
957D38

**Protanopia**  
8E8039

**Deuteranopia**  
9E7939



**Tritanopia**  
9B767F

# Trichromacy



**Original Color**  
957D38

**Protanomaly**  
917F39

**Deuteranomaly**  
9B7A39

**Tritanomaly**  
997965

# Monochromacy



**Original Color**  
957D38

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
857C63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 957D38 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 #957D38 looks like.

```
.text, #text, p{  
    color:#957D38  
}
```

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 #957D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #957D38
}
```

## Border

The CSS property to change the border of an element to Hex 957D38 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
#957D38 }
```

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

```
.border{ border-color:#957D38 }
```

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

Here you see how a box with a 4 pixel #957D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #957D38; -webkit-box-shadow:4px 4px  
4px 4px #957D38; box-shadow:4px 4px 4px  
4px #957D38 }
```

# Background

The CSS property to change the background color of an element to Hex 957D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#957D38 }
```

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

```
.background{ background-color:#957D38 }
```

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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