

# Converting Colors

Hex(78562A)

Have a look what the booklet for  
Hex(78562A) contains.

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**Color**

**Hex(78562A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78562A
RGB	120, 86, 42
RGB Percent	47%, 34%, 16%
CMY	0.5294, 0.6627, 0.8353
CMYK	0.00, 0.28, 0.65, 0.53
HSL	34°, 48%, 32%
HSV	34°, 65%, 47%
XYZ	11.4914, 10.8158, 3.6725
YIQ	91.1500, 34.3880, -6.4760

# Conversions

## Conversions Part 2

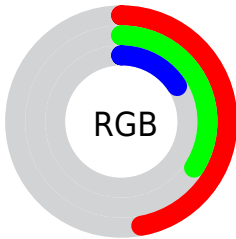
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 120, 42
Decimal	7886378
CIE <sub>Lab</sub>	39.27, 9.01, 30.67
CIE <sub>LCh</sub>	39, 31.968, 73.626
Yxy	10.8158, 0.4423, 0.4163
Android (android.graphics.Color)	4286076458 (0xFF78562A)
YUV	91.1500, -24.2309, 25.3015
Hunter-Lab	32.8874, 4.8181, 16.4004

# Details

The Hex color **78562A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A4C78**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AF8859**, and **452900** is the 20% darker color. If you saturate the color by 10%, you get **78511E**, and if you desaturate by 10%, it is **785B36**.

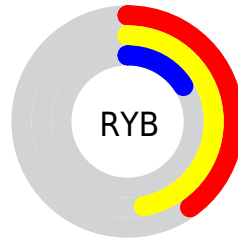
# Distribution



Red (47%)

Green (34%)

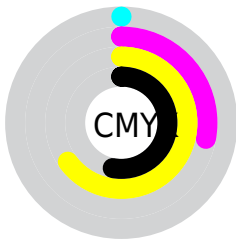
Blue (16%)



Red (40%)

Yellow (47%)

Blue (16%)

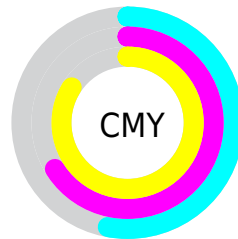


Cyan (0%)

Magenta (28%)

Yellow (65%)

Black (53%)



Cyan (53%)

Magenta (66%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78562A 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 78562A by changing the saturation by 10% instead.



 78562A

 78562A

FFFFFF

 5E3F14

 AF8859

 452900

 CBA272

 2B1500

 E8BD8C

 0F0000

 FFD9A6

 000000

 FFF5C2

 FFFFDE

 FFFFFA

 78562A

 78562A

■ 78511E

■ 785B36

■ 784C12

■ 786042

■ 784606

■ 78664E

■ 784400

■ 786B5A

■ 787066

■ 787572

■ 787B7E

■ 78808A

■ 788596

# Harmonies

## Analogous

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



884D3A



78562A



615F28

# Triad

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



78562A



006A68



6E5182

# Complementary

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



78562A



2A4C78

# 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.



475B8F



78562A



006880

# Square

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



78562A



1A694D



00638E



85496C

# Rectangle

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



78562A



4E6330



00638E



635488



# Sweetspot

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



78562A



9C8E7C



782A4D



4F473C



CFCFCF



4F4F4F



# Same Dimension

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



78562A



9C6722



74782A



3D3B37



7D4600



FC8E00



# Inverse Universe

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



2A4C78



22579C



2E2A78



373A3D



00367D



006EFC



# Previews

## White Background



This preview shows how the Hex color 78562A looks on a white background.

## Color Contrast Check

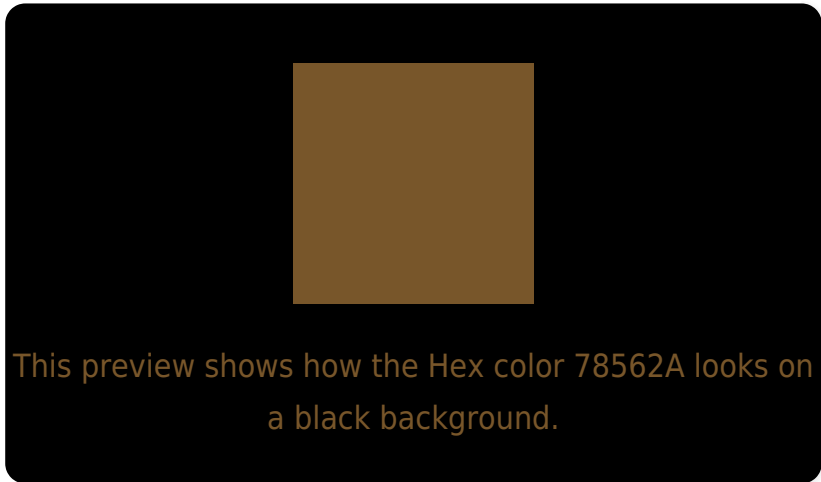
Large Text (above 18pt) WCAG AA ✓ Pass

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

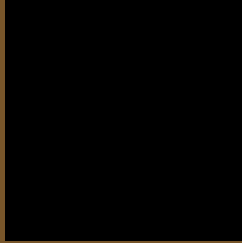
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 78562A Background



This preview shows how black text looks on a background with the Hex color 78562A.



This preview shows how white text looks on a background with the Hex color 78562A.

# 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**  
78562A

**Protanopia**  
675D2C

**Deuteranopia**  
735829



**Tritanopia**  
7B5157

# Trichromacy



**Original Color**  
78562A

**Protanomaly**  
6D5A2B

**Deuteranomaly**  
755729

**Tritanomaly**  
7A5347

# Monochromacy



**Original Color**  
78562A

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
665949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78562A 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 #78562A looks like.

```
.text, #text, p{  
    color:#78562A  
}
```

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 #78562A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78562A
}
```

## Border

The CSS property to change the border of an element to Hex 78562A 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
#78562A }
```

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

```
.border{ border-color:#78562A }
```

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

Here you see how a box with a 4 pixel #78562A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78562A; -webkit-box-shadow:4px 4px  
4px 4px #78562A; box-shadow:4px 4px 4px  
4px #78562A }
```

# Background

The CSS property to change the background color of an element to Hex 78562A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78562A }
```

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

```
.background{ background-color:#78562A }
```

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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