

# Converting Colors

Hex(70512A)

Have a look what the booklet for  
Hex(70512A) contains.

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**Color**

**Hex(70512A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70512A
RGB	112, 81, 42
RGB Percent	44%, 32%, 16%
CMY	0.5608, 0.6824, 0.8353
CMYK	0.00, 0.28, 0.63, 0.56
HSL	33°, 45%, 30%
HSV	33°, 63%, 44%
XYZ	10.0424, 9.4968, 3.4943
YIQ	85.8230, 30.9950, -5.5570

# Conversions

## Conversions Part 2

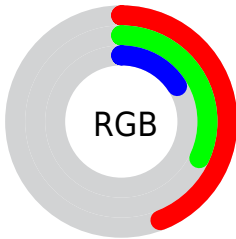
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 112, 42
Decimal	7360810
CIELab	36.92, 8.26, 27.69
CIELCh	37, 28.896, 73.397
Yxy	9.4968, 0.4360, 0.4123
Android (android.graphics.Color)	4285550890 (0xFF70512A)
YUV	85.8230, -21.6047, 22.9572
Hunter-Lab	30.8168, 4.2393, 14.8490




# Details

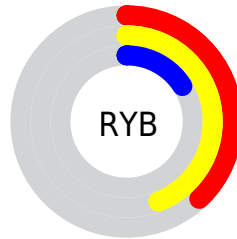
The Hex color **70512A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A4970**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **A68259**, and **3E2400** is the 20% darker color. If you saturate the color by 10%, you get **704C1F**, and if you desaturate by 10%, it is **705635**.

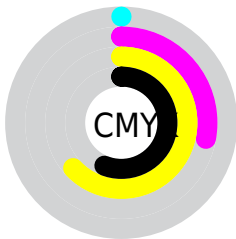
# Distribution







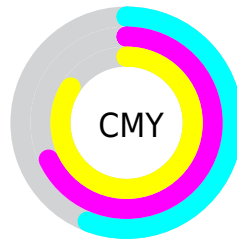
-  Red (44%)
-  Green (32%)
-  Blue (16%)






-  Red (38%)
-  Yellow (44%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (63%)
-  Black (56%)



-  Cyan (56%)
-  Magenta (68%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70512A 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 70512A by changing the saturation by 10% instead.



 70512A

 70512A

FFFFFF

 563A14

 A68259

 3E2400

 C29C71

 251000

 DFB78B

 000000

 FCD3A6

 FFEFC1

 FFFFDD

 FFFFFA

 70512A

 70512A

■ 704C1F

■ 705635

■ 704714

■ 705B40

■ 704208

■ 70604C

■ 703E00

■ 706557

■ 706A62

■ 706F6D

■ 707478

■ 707984

■ 707E8F

# Harmonies

## Analogous

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



7E4938



70512A



5B5928

# Triad

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



70512A



006361



664D79

# Complementary

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



70512A



2A4970

# 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.



445684



70512A



006176

# Square

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



70512A



1F6249



065D83



7B4665

# Rectangle

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



70512A



4A5D2F



065D83



5C507E



# Sweetspot

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



70512A



918576



702A49



4A4239



C9C9C9



4A4A4A



# Same Dimension

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



70512A



916124



6D702A



383632



784300



F78A00



# Inverse Universe

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



2A4970



245591



2E2A70



323538



003578



006EF7



# Previews

## White Background



This preview shows how the Hex color 70512A looks on a white background.

## Color Contrast Check

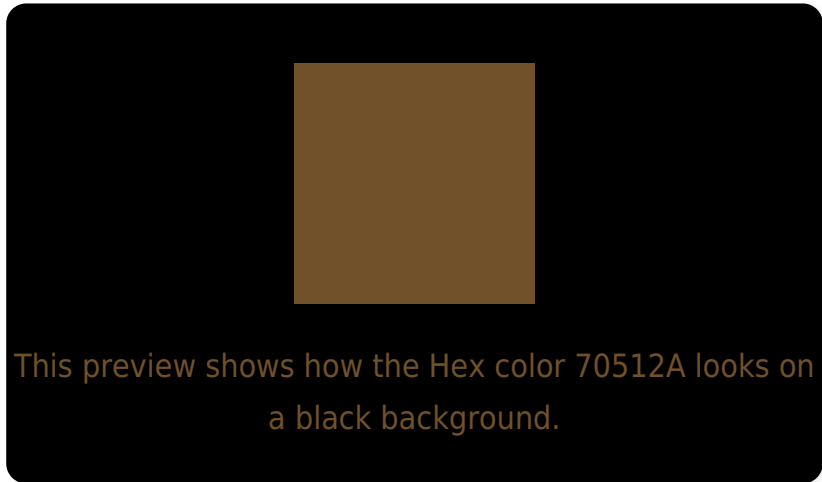
Large Text (above 18pt) WCAG AA ✓ Pass

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 70512A Background



This preview shows how black text looks on a background with the Hex color 70512A.



This preview shows how white text looks on a background with the Hex color 70512A.

# 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**  
70512A

**Protanopia**  
60572C

**Deuteranopia**  
6C532A



**Tritanopia**  
734C52

# Trichromacy



**Original Color**  
70512A

**Protanomaly**  
66552B

**Deuteranomaly**  
6D522A

**Tritanomaly**  
724E43

# Monochromacy



**Original Color**  
70512A

**Achromatopsia**  
565656

**Achromatomaly**  
5F5446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70512A 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 #70512A looks like.

```
.text, #text, p{  
    color:#70512A  
}
```

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 #70512A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70512A
}
```

## Border

The CSS property to change the border of an element to Hex 70512A 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
#70512A }
```

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

```
.border{ border-color:#70512A }
```

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

Here you see how a box with a 4 pixel #70512A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70512A; -webkit-box-shadow:4px 4px  
4px 4px #70512A; box-shadow:4px 4px 4px  
4px #70512A }
```

# Background

The CSS property to change the background color of an element to Hex 70512A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70512A }
```

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

```
.background{ background-color:#70512A }
```

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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