

# Converting Colors

Hex(7A1942)

Have a look what the booklet for  
Hex(7A1942) contains.

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**Color**

**Hex(7A1942)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A1942
RGB	122, 25, 66
RGB Percent	48%, 10%, 26%
CMY	0.5216, 0.9020, 0.7412
CMYK	0.00, 0.80, 0.46, 0.52
HSL	335°, 66%, 29%
HSV	335°, 80%, 48%
XYZ	9.3570, 5.2262, 5.6698
YIQ	58.6770, 44.6510, 33.3150

# Conversions

## Conversions Part 2

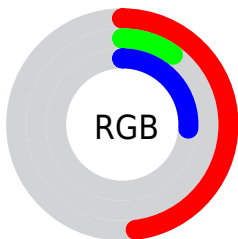
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 25, 66
Decimal	8001858
CIE Lab	27.37, 43.93, 0.09
CIE LCh	27, 43.933, 0.118
Yxy	5.2262, 0.4620, 0.2580
Android (android.graphics.Color)	4286191938 (0xFF7A1942)
YUV	58.6770, 3.6102, 55.5343
Hunter-Lab	22.8608, 33.0543, 1.2978

# Details

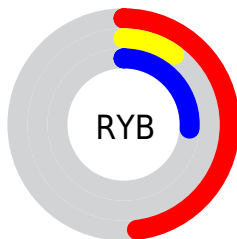
The Hex color **7A1942** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **197A51**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **B24F72**, and **440018** is the 20% darker color. If you saturate the color by 10%, you get **7A0D3B**, and if you desaturate by 10%, it is **7A2549**.

# Distribution



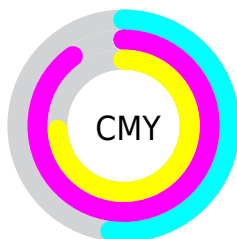
- Red (48%)
- Green (10%)
- Blue (26%)



- Red (48%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (80%)
- Yellow (46%)
- Black (52%)



- Cyan (52%)
- Magenta (90%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A1942 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 7A1942 by changing the saturation by 10% instead.



 7A1942

 7A1942

FFFFFF

 5F002C

 B24F72

 440018

 CF698B

 2D0001

 ED84A5

 000000

 FF9FC1

 FFBBDC

 FFD7F9

 FFF4FF

 7A1942

 7A1942

■ 7A0D3B

■ 7A2549

■ 7A0134

■ 7A3150

■ 7A0034

■ 7A3E57

■ 7A4A5E

■ 7A5665

■ 7A626C

■ 7A6E73

■ 7A7B7A

■ 7A8781

# Harmonies

## Analogous

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



682663



7A1942



792121

# Triad

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



7A1942



2E4800



004C7B

# Complementary

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



7A1942



197A51

# 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.



004F62



7A1942



004D1D

# Square

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



7A1942



503F00



004F40



004585

# Rectangle

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



7A1942



6F2C0C



004F40



004E74



# Sweetspot

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



7A1942



9E7888



50197A



4F3842



CFCFCF



4F4F4F



# Same Dimension

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



7A1942



9E0847



7A1F19



3D373A



7D0035



FC006B



# Inverse Universe

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



7A1942



9E0847



19747A



3D373A



7D0035

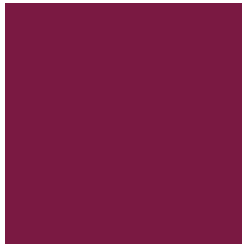


FC006B



# Previews

## White Background



This preview shows how the Hex color 7A1942 looks on a white background.

## Color Contrast Check

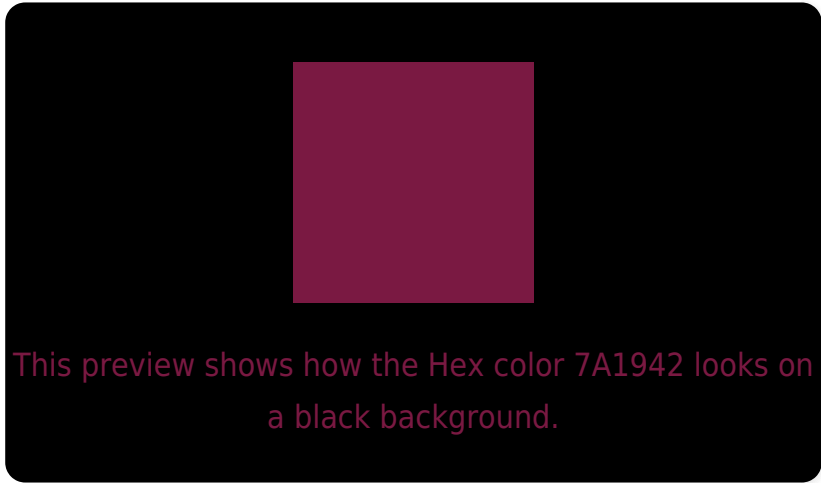
Large Text (above 18pt) WCAG AA ✓ Pass

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

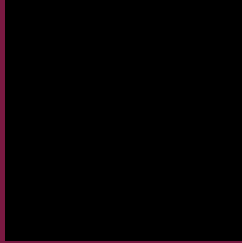
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A1942 Background



This preview shows how black text looks on a background with the Hex color 7A1942.



This preview shows how white text looks on a background with the Hex color 7A1942.

# 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**  
7A1942

**Protanopia**  
3C425A

**Deuteranopia**  
4B403D



# Trichromacy



**Original Color**

7A1942

**Protanomaly**

533351

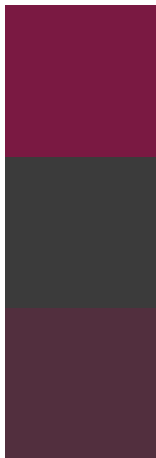
**Deuteranomaly**

5C323F

**Tritanomaly**

791F2E

# Monochromacy



**Original Color**

7A1942

**Achromatopsia**

3B3B3B

**Achromatomaly**

522F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A1942 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 #7A1942 looks like.

```
.text, #text, p{  
    color:#7A1942  
}
```

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 #7A1942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1942  
}
```

## Border

The CSS property to change the border of an element to Hex 7A1942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

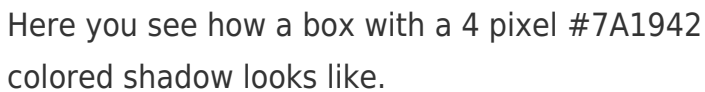
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7A1942 }
```

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

```
.border{ border-color:#7A1942 }
```

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



Here you see how a box with a 4 pixel #7A1942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1942; -webkit-box-shadow:4px 4px  
4px 4px #7A1942; box-shadow:4px 4px 4px  
4px #7A1942 }
```

# Background

The CSS property to change the background color of an element to Hex 7A1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1942 }
```

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

```
.background{ background-color:#7A1942 }
```

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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