

Converting Colors

Hex(7A1F42)

Have a look what the booklet for
Hex(7A1F42) contains.

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Color

Hex(7A1F42)

Conversions

Conversions Part 1

Format	Color
Hex	7A1F42
RGB	122, 31, 66
RGB Percent	48%, 12%, 26%
CMY	0.5216, 0.8784, 0.7412
CMYK	0.00, 0.75, 0.46, 0.52
HSL	337°, 59%, 30%
HSV	337°, 75%, 48%
XYZ	9.4994, 5.5109, 5.7173
YIQ	62.1990, 43.0010, 30.1770

Conversions

Conversions Part 2

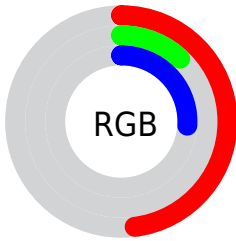
Format	Color
R_{YB}	122, 31, 66
Decimal	8003394
CIE Lab	28.14, 41.76, 1.22
CIE LCh	28, 41.781, 1.668
Yxy	5.5109, 0.4583, 0.2659
Android (android.graphics.Color)	4286193474 (0xFF7A1F42)
YUV	62.1990, 1.8739, 52.4455
Hunter-Lab	23.4753, 31.1491, 1.9929

Details

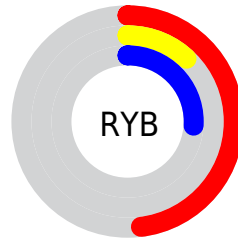
The Hex color **7A1F42** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1F7A57**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **B25372**, and **440018** is the 20% darker color. If you saturate the color by 10%, you get **7A133A**, and if you desaturate by 10%, it is **7A2B4A**.

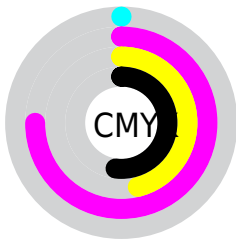
Distribution



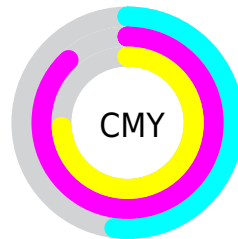
- Red (48%)
- Green (12%)
- Blue (26%)



- Red (48%)
- Yellow (12%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (46%)
- Black (52%)



- Cyan (52%)
- Magenta (88%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A1F42 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 7A1F42 by changing the saturation by 10% instead.

 7A1F42

 7A1F42

FFFFFF

 5F002C

 B25372

 440018

 CF6D8B

 2D0002

 EC88A5

 000000

 FFA3C1

 FFBFDC

 FFDBF9

 FFF8FF

 7A1F42

 7A1F42

■ 7A133A

■ 7A2B4A

■ 7A0733

■ 7A3751

■ 7A002F

■ 7A4459

■ 7A5060

■ 7A5C68

■ 7A686F

■ 7A7477

■ 7A817E

■ 7A8D86

Harmonies

Analogous

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



6A2961



7A1F42



782623

Triad

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



7A1F42



2F4A01



004D7B

Complementary

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



7A1F42



1F7A57

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.



005163



7A1F42



004F22

Square

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



7A1F42



504200



005143



004683

Rectangle

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



7A1F42



6F300F



005143



004F75

Sweetspot

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



7A1F42



9E7B89



561F7A



4F3A42



CFCFCF



4F4F4F

Same Dimension

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



7A1F42



9E1047



7A281F



3D3739



7D0030



FC0061

Inverse Universe

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



7A1F42



9E1047



1F717A



3D3739



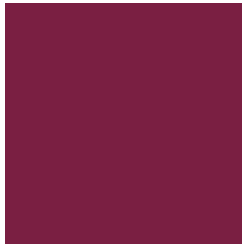
7D0030



FC0061

Previews

White Background



This preview shows how the Hex color 7A1F42 looks on a white background.

Color Contrast Check

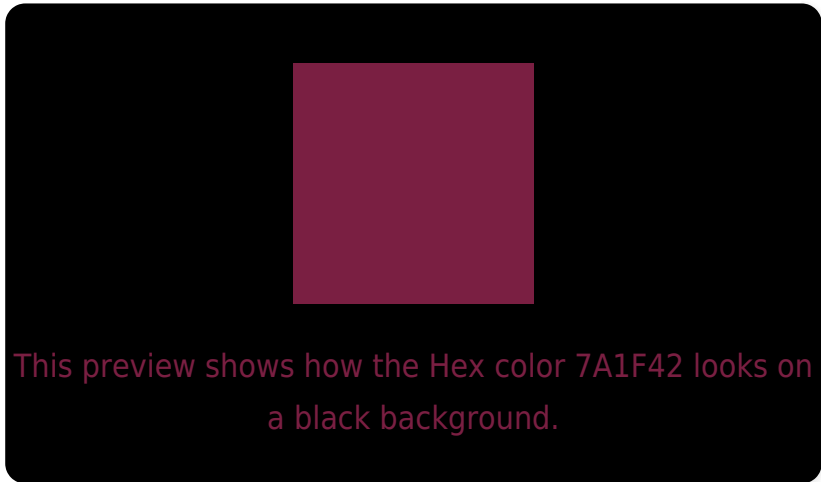
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A1F42 Background



This preview shows how black text looks on a background with the Hex color 7A1F42.



This preview shows how white text looks on a background with the Hex color 7A1F42.

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
7A1F42

Protanopia
3F4357

Deuteranopia
4D413E

Trichromacy



Original Color

7A1F42

Protanomaly

54364F

Deuteranomaly

5D353F

Tritanomaly

792331

Monochromacy



Original Color

7A1F42

Achromatopsia

3E3E3E

Achromatomaly

54333F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A1F42 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 #7A1F42 looks like.

```
.text, #text, p{  
    color:#7A1F42  
}
```

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 #7A1F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1F42
}
```

Border

The CSS property to change the border of an element to Hex 7A1F42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

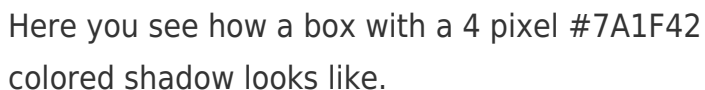
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A1F42 }
```

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

```
.border{ border-color:#7A1F42 }
```

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



Here you see how a box with a 4 pixel #7A1F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1F42; -webkit-box-shadow:4px 4px  
4px 4px #7A1F42; box-shadow:4px 4px 4px  
4px #7A1F42 }
```

Background

The CSS property to change the background color of an element to Hex 7A1F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1F42 }
```

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

```
.background{ background-color:#7A1F42 }
```

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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