

Converting Colors

Hex(7F2042)

Have a look what the booklet for
Hex(7F2042) contains.

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Color

Hex(7F2042)

Conversions

Conversions Part 1

Format	Color
Hex	7F2042
RGB	127, 32, 66
RGB Percent	50%, 13%, 26%
CMY	0.5020, 0.8745, 0.7412
CMYK	0.00, 0.75, 0.48, 0.50
HSL	339°, 60%, 31%
HSV	339°, 75%, 50%
XYZ	10.2523, 5.9384, 5.7601
YIQ	64.2810, 45.7060, 30.7140

Conversions

Conversions Part 2

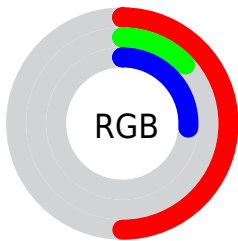
Format	Color
R_{YB}	127, 32, 66
Decimal	8331330
CIE Lab	29.26, 42.94, 2.95
CIE LCh	29, 43.041, 3.929
Yxy	5.9384, 0.4671, 0.2705
Android (android.graphics.Color)	4286521410 (0xFF7F2042)
YUV	64.2810, 0.8475, 55.0046
Hunter-Lab	24.3688, 32.4518, 3.0436

Details

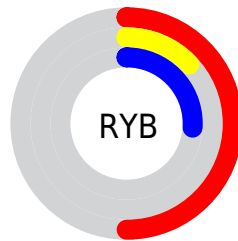
The Hex color **7F2042** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **207F5D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B85572**, and **490018** is the 20% darker color. If you saturate the color by 10%, you get **7F133A**, and if you desaturate by 10%, it is **7F2D4A**.

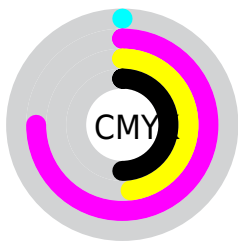
Distribution



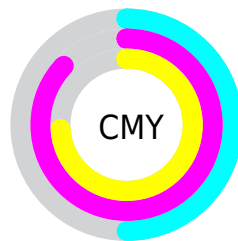
- Red (50%)
- Green (13%)
- Blue (26%)



- Red (50%)
- Yellow (13%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (48%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2042 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 7F2042 by changing the saturation by 10% instead.

 7F2042

 7F2042

FFFFFF

 64002C

 B85572

 490018

 D56F8B

 320002

 F28AA5

 000000

 FFA5C0

 FFC1DC

 FFDDF9

 FFFAFF

 7F2042

 7F2042

■ 7F133A

■ 7F2D4A

■ 7F0732

■ 7F3952

■ 7F002D

■ 7F465A

■ 7F5363

■ 7F606B

■ 7F6C73

■ 7F797B

■ 7F8683

■ 7F928B

Harmonies

Analogous

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



702963



7F2042



7C2922

Triad

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



7F2042



2E4D03



005081

Complementary

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



7F2042



207F5D

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.



005469



7F2042



005226

Square

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



7F2042



504500



005449



004888

Rectangle

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



7F2042



72330D



005449



00527B

Sweetspot

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



7F2042



A6818E



5C207F



543E46



D4D4D4



545454

Same Dimension

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



7F2042



A61146



7F2D20



40393C



80002E



000000

Inverse Universe

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



7F2042



A61146



20727F



40393C



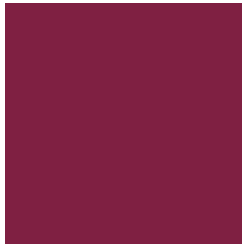
80002E



000000

Previews

White Background



This preview shows how the Hex color 7F2042 looks on a white background.

Color Contrast Check

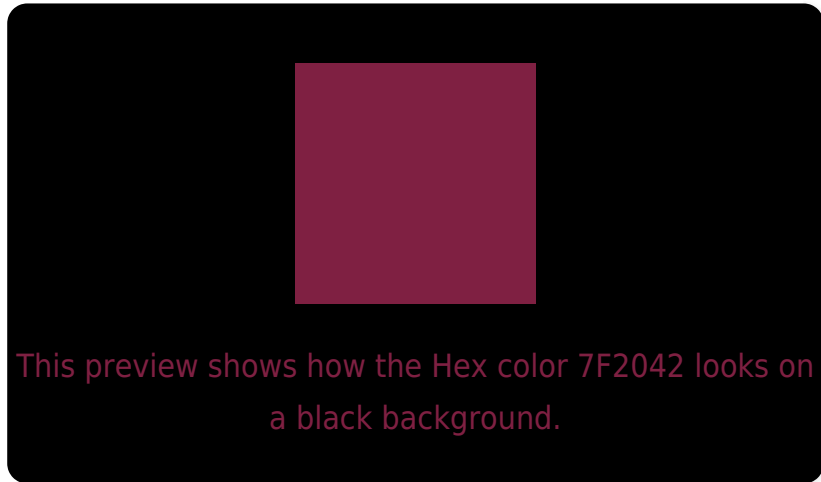
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F2042 Background



This preview shows how black text looks on a background with the Hex color 7F2042.



This preview shows how white text looks on a background with the Hex color 7F2042.

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
7F2042

Protanopia
424657

Deuteranopia
50443D



Tritanopia
7E2628

Trichromacy



Original Color
7F2042

Protanomaly
58384F

Deuteranomaly
61373F

Tritanomaly
7E2431

Monochromacy



Original Color
7F2042

Achromatopsia
404040

Achromatomaly
573441

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2042 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 #7F2042 looks like.

```
.text, #text, p{  
    color:#7F2042  
}
```

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 #7F2042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2042
}
```

Border

The CSS property to change the border of an element to Hex 7F2042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

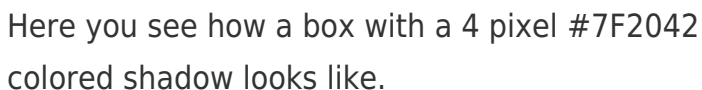
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F2042 }
```

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

```
.border{ border-color:#7F2042 }
```

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



Here you see how a box with a 4 pixel #7F2042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2042; -webkit-box-shadow:4px 4px  
4px 4px #7F2042; box-shadow:4px 4px 4px  
4px #7F2042 }
```

Background

The CSS property to change the background color of an element to Hex 7F2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2042 }
```

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

```
.background{ background-color:#7F2042 }
```

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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