

Converting Colors

Hex(7D2142)

Have a look what the booklet for
Hex(7D2142) contains.

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Color

Hex(7D2142)

Conversions

Conversions Part 1

Format	Color
Hex	7D2142
RGB	125, 33, 66
RGB Percent	49%, 13%, 26%
CMY	0.5098, 0.8706, 0.7412
CMYK	0.00, 0.74, 0.47, 0.51
HSL	338°, 58%, 31%
HSV	338°, 74%, 49%
XYZ	9.9847, 5.8410, 5.7554
YIQ	64.2700, 44.2390, 29.7670

Conversions

Conversions Part 2

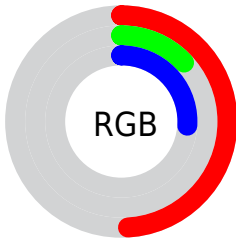
Format	Color
R _Y B	125, 33, 66
Decimal	8200514
CIE Lab	29.01, 41.92, 2.54
CIE LCh	29, 42.000, 3.468
Yxy	5.8410, 0.4627, 0.2707
Android (android.graphics.Color)	4286390594 (0xFF7D2142)
YUV	64.2700, 0.8529, 53.2602
Hunter-Lab	24.1682, 31.4497, 2.7984

Details

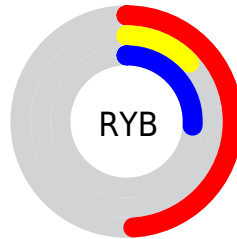
The Hex color **7D2142** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **217D5C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B55572**, and **470018** is the 20% darker color. If you saturate the color by 10%, you get **7D153A**, and if you desaturate by 10%, it is **7D2E4A**.

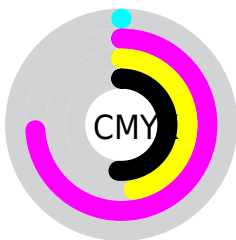
Distribution



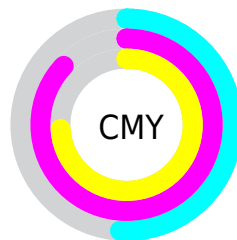
- Red (49%)
- Green (13%)
- Blue (26%)



- Red (49%)
- Yellow (13%)
- Blue (26%)



- Cyan (0%)
- Magenta (74%)
- Yellow (47%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D2142 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 7D2142 by changing the saturation by 10% instead.

 7D2142

 7D2142

FFFFFF

 62002C

 B55572

 470018

 D26F8B

 300002

 F08AA5

 000000

 FFA5C1

 FFC1DC

 FFDDF9

 FFFAFF

 7D2142

 7D2142

■ 7D153A

■ 7D2E4A

■ 7D0832

■ 7D3A52

■ 7D002D

■ 7D475A

■ 7D5362

■ 7D606A

■ 7D6C72

■ 7D797A

■ 7D8582

■ 7D928A

Harmonies

Analogous

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



6E2A62



7D2142



7A2922

Triad

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



7D2142



2E4D04



004F7E

Complementary

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



7D2142



217D5C

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.



005367



7D2142



005126

Square

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



7D2142



504400



005347



004786

Rectangle

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



7D2142



70330F



005347



005178

Sweetspot

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



7D2142



A37F8C



5B217D



523C44



D1D1D1



525252

Same Dimension

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



7D2142



A31447



7D2D21



40393C



80002E



000000

Inverse Universe

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



7D2142



A31447



21717D



40393C



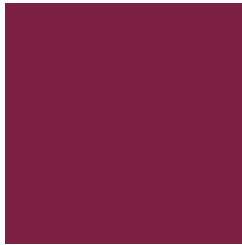
80002E



000000

Previews

White Background



This preview shows how the Hex color 7D2142 looks on a white background.

Color Contrast Check

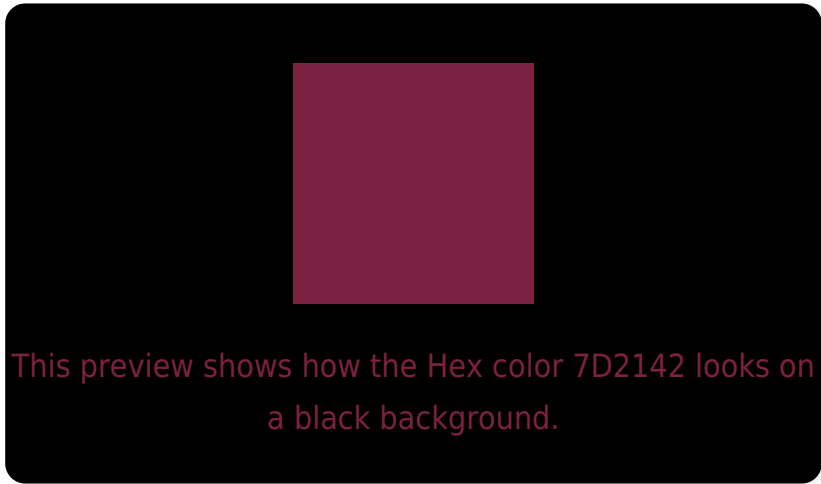
Large Text (above 18pt) WCAG AA ✓ Pass

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

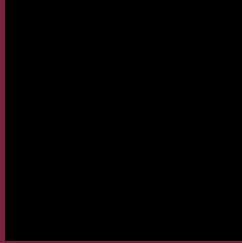
Any Text WCAG AA × Fail

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 7D2142 Background



This preview shows how black text looks on a background with the Hex color 7D2142.

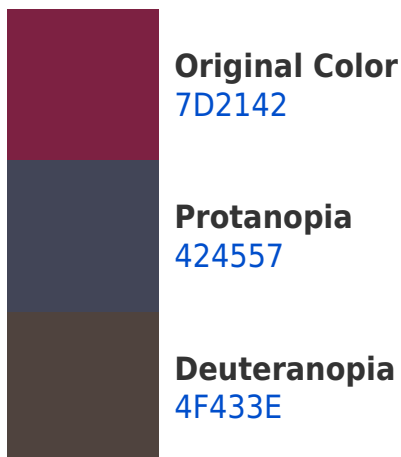


This preview shows how white text looks on a background with the Hex color 7D2142.

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



Trichromacy



Original Color
7D2142

Protanomaly
57384F

Deuteranomaly
60373F

Tritanomaly
7C2532

Monochromacy



Original Color
7D2142

Achromatopsia
404040

Achromatomaly
563541

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D2142 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 #7D2142 looks like.

```
.text, #text, p{  
    color:#7D2142  
}
```

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 #7D2142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2142
}
```

Border

The CSS property to change the border of an element to Hex 7D2142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

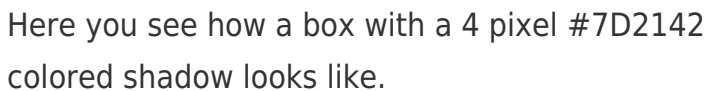
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D2142 }
```

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

```
.border{ border-color:#7D2142 }
```

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



Here you see how a box with a 4 pixel #7D2142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2142; -webkit-box-shadow:4px 4px  
4px 4px #7D2142; box-shadow:4px 4px 4px  
4px #7D2142 }
```

Background

The CSS property to change the background color of an element to Hex 7D2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2142 }
```

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

```
.background{ background-color:#7D2142 }
```

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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