

Converting Colors

Hex(7C2246)

Have a look what the booklet for
Hex(7C2246) contains.

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Color

Hex(7C2246)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7C2246 |
| RGB | 124, 34, 70 |
| RGB Percent | 49%, 13%, 27% |
| CMY | 0.5137, 0.8667, 0.7255 |
| CMYK | 0.00, 0.73, 0.44, 0.51 |
| HSL | 336°, 57%, 31% |
| HSV | 336°, 73%, 49% |
| XYZ | 9.9897, 5.8713, 6.4011 |
| YIQ | 65.0140, 42.0840, 30.2760 |

Conversions

Conversions Part 2

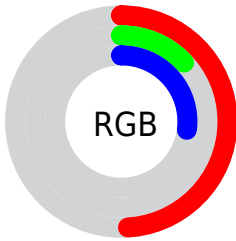
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 124, 34, 70 |
| Decimal | 8135238 |
| CIE Lab | 29.09, 41.63, -0.03 |
| CIE LCh | 29, 41.628, 359.954 |
| Yxy | 5.8713, 0.4487, 0.2637 |
| Android (android.graphics.Color) | 4286325318 (0xFF7C2246) |
| YUV | 65.0140, 2.4581, 51.7307 |
| Hunter-Lab | 24.2308, 31.1866, 1.2988 |

Details

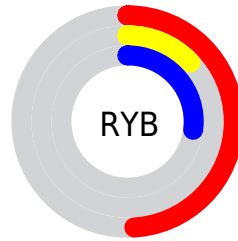
The Hex color **7C2246** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **227C58**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B45676**, and **46001B** is the 20% darker color. If you saturate the color by 10%, you get **7C163F**, and if you desaturate by 10%, it is **7C2E4D**.

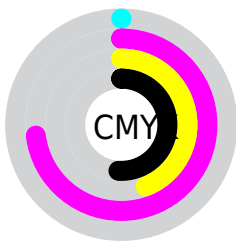
Distribution



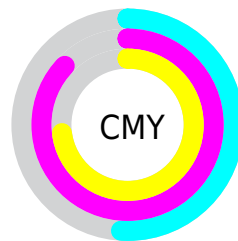
- Red (49%)
- Green (13%)
- Blue (27%)



- Red (49%)
- Yellow (13%)
- Blue (27%)



- Cyan (0%)
- Magenta (73%)
- Yellow (44%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C2246 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 7C2246 by changing the saturation by 10% instead.

 7C2246

 7C2246

FFFFFF

 610130

 B45676

 46001B

 D17090

 300002

 EE8BAA

 000000

 FFA6C5

 FFC2E1

 FFDEFE

 FFFBFF

 7C2246

 7C2246

■ 7C163F

■ 7C2E4D

■ 7C0937

■ 7C3B55

■ 7C0032

■ 7C475C

■ 7C5464

■ 7C606B

■ 7C6C73

■ 7C797A

■ 7C8582

■ 7C9289

Harmonies

Analogous

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



6B2C65



7C2246



7B2826

Triad

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



7C2246



334C02



00507C

Complementary

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



7C2246



227C58

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.



005364



7C2246



005122

Square

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



7C2246



544300



005344



004885

Rectangle

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



7C2246



723113



005344



005175

Sweetspot

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



7C2246



A17D8B



58227C



523C45



D1D1D1



525252

Same Dimension

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



7C2246



A1154D



7C2B22



3D373A



7D0032



FC0065

Inverse Universe

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



7C2246



A1154D



22737C



3D373A



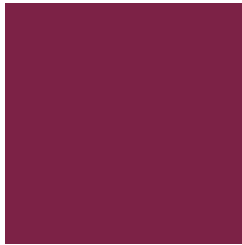
7D0032



FC0065

Previews

White Background



This preview shows how the Hex color 7C2246 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

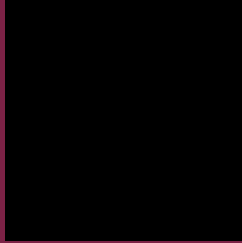
Any Text WCAG AA × Fail

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 7C2246 Background



This preview shows how black text looks on a background with the Hex color 7C2246.



This preview shows how white text looks on a background with the Hex color 7C2246.

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
7C2246

Protanopia
40455B

Deuteranopia
4E4342



Tritanopia
7A292B

Trichromacy



Original Color
7C2246

Protanomaly
563853

Deuteranomaly
5F3743

Tritanomaly
7B2635

Monochromacy



Original Color
7C2246

Achromatopsia
414141

Achromatomaly
563643

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C2246 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 #7C2246 looks like.

```
.text, #text, p{  
    color:#7C2246  
}
```

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 #7C2246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C2246
}
```

Border

The CSS property to change the border of an element to Hex 7C2246 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
#7C2246 }
```

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

```
.border{ border-color:#7C2246 }
```

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

Here you see how a box with a 4 pixel #7C2246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C2246; -webkit-box-shadow:4px 4px  
4px 4px #7C2246; box-shadow:4px 4px 4px  
4px #7C2246 }
```

Background

The CSS property to change the background color of an element to Hex 7C2246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C2246 }
```

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

```
.background{ background-color:#7C2246 }
```

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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