

Converting Colors

Hex(7D2223)

Have a look what the booklet for
Hex(7D2223) contains.

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Color

Hex(7D2223)

Conversions

Conversions Part 1

Format	Color
Hex	7D2223
RGB	125, 34, 35
RGB Percent	49%, 13%, 14%
CMY	0.5098, 0.8667, 0.8627
CMYK	0.00, 0.73, 0.72, 0.51
HSL	359°, 57%, 31%
HSV	359°, 73%, 49%
XYZ	9.3328, 5.6254, 2.1840
YIQ	61.3230, 53.9150, 19.6030

Conversions

Conversions Part 2

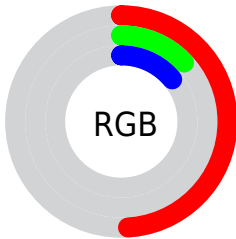
Format	Color
R _Y B	125, 34, 35
Decimal	8200739
CIE Lab	28.45, 39.09, 22.29
CIE LCh	28, 45.000, 29.694
Yxy	5.6254, 0.5444, 0.3282
Android (android.graphics.Color)	4286390819 (0xFF7D2223)
YUV	61.3230, -12.9772, 55.8447
Hunter-Lab	23.7179, 28.7324, 11.1429

Details

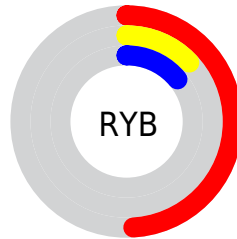
The Hex color **7D2223** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **227D7C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B75550**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7D1617**, and if you desaturate by 10%, it is **7D2F2F**.

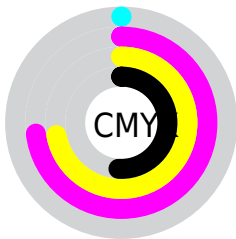
Distribution



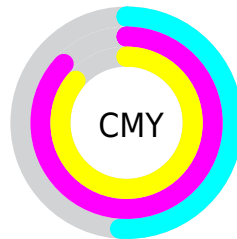
- Red (49%)
- Green (13%)
- Blue (14%)



- Red (49%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D2223 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 7D2223 by changing the saturation by 10% instead.

 7D2223

 7D2223

FFFFFF

 61030E

 B75550

 450000

 D56F68

 2C0001

 F38981

 000000

 FFA49B

 FFC0B6

 FFDDDD1

 FFFAEE

 7D2223

 7D2223

■ 7D1617

■ 7D2F2F

■ 7D090A

■ 7D3B3C

■ 7D0001

■ 7D4848

■ 7D5454

■ 7D6161

■ 7D6D6D

■ 7D7A7A

■ 7D8686

■ 7D9392

Harmonies

Analogous

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



7E1A45



7D2223



6D3301

Triad

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



7D2223



00501D



004889

Complementary

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



7D2223



227D7C

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.



004F7F



7D2223



005242

Square

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



7D2223



304B00



005265



3F3A80

Rectangle

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



7D2223



5C3D00



005265



004B88

Sweetspot

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



7D2223



A37F80



7B227D



523C3D



D1D1D1



525252

Same Dimension

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



7D2223



A31517



7D4E22



403939



800001



000000

Inverse Universe

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



7D2223



A31517



22517D



403939



800001



000000

Previews

White Background



This preview shows how the Hex color 7D2223 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 7D2223 Background



This preview shows how black text looks on a background with the Hex color 7D2223.



This preview shows how white text looks on a background with the Hex color 7D2223.

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
7D2223

Protanopia
4A442F

Deuteranopia
55411D

Trichromacy



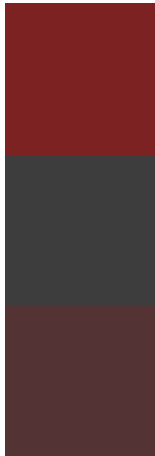
Original Color
7D2223

Protanomaly
5D382B

Deuteranomaly
64361F

Tritanomaly
7D2223

Monochromacy



Original Color
7D2223

Achromatopsia
3D3D3D

Achromatomaly
543334

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D2223 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 #7D2223 looks like.

```
.text, #text, p{  
    color:#7D2223  
}
```

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 #7D2223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2223
}
```

Border

The CSS property to change the border of an element to Hex 7D2223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

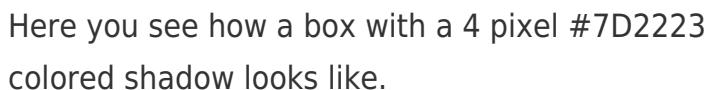
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D2223 }
```

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

```
.border{ border-color:#7D2223 }
```

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



Here you see how a box with a 4 pixel #7D2223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2223; -webkit-box-shadow:4px 4px  
4px 4px #7D2223; box-shadow:4px 4px 4px  
4px #7D2223 }
```

Background

The CSS property to change the background color of an element to Hex 7D2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2223 }
```

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

```
.background{ background-color:#7D2223 }
```

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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