

Converting Colors

Hex(7B2727)

Have a look what the booklet for
Hex(7B2727) contains.

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Color

Hex(7B2727)

Conversions

Conversions Part 1

Format	Color
Hex	7B2727
RGB	123, 39, 39
RGB Percent	48%, 15%, 15%
CMY	0.5176, 0.8471, 0.8471
CMYK	0.00, 0.68, 0.68, 0.52
HSL	0°, 52%, 32%
HSV	0°, 68%, 48%
XYZ	9.2601, 5.8085, 2.5525
YIQ	64.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

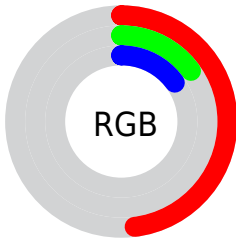
Format	Color
R_{YB}	123, 39, 39
Decimal	8070951
CIE Lab	28.92, 36.43, 20.22
CIE LCh	29, 41.666, 29.024
Yxy	5.8085, 0.5255, 0.3296
Android (android.graphics.Color)	4286261031 (0xFF7B2727)
YUV	64.1160, -12.3822, 51.6413
Hunter-Lab	24.1008, 26.4077, 10.5911

Details

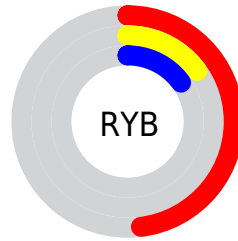
The Hex color **7B2727** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **277B7B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B45954**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7B1B1B**, and if you desaturate by 10%, it is **7B3333**.

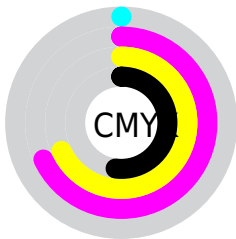
Distribution



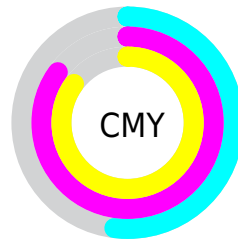
- Red (48%)
- Green (15%)
- Blue (15%)



- Red (48%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (68%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B2727 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 7B2727 by changing the saturation by 10% instead.

 7B2727

 7B2727

FFFFFF

 5F0B13

 B45954

 440000

 D2736C

 2C0001

 EF8D86

 000000

 FFA8A0

 FFC4BB

 FFE0D6

 FFFDF3

 7B2727

 7B2727

 7B1B1B

 7B3333

 7B0E0E

 7B4040

 7B0202

 7B4C4C

 7B0000

 7B5858

 7B6565

 7B7171

 7B7D7D

 7B8989

 7B9696

Harmonies

Analogous

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



7B2247



7B2727



6C3509

Triad

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



7B2727



005021



004885

Complementary

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



7B2727



277B7B

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.



00507B



7B2727



005342

Square

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



7B2727



344B01



005363



403C7D

Rectangle

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



7B2727



5D3E00



005363



004B84

Sweetspot

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



7B2727



A18181



7B277B



523E3E



D1D1D1



525252

Same Dimension

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



7B2727



A11D1D



7B5127



3D3737



7D0000



FC0000

Inverse Universe

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



277B7B



1DA1A1



27517B



373D3D



007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 7B2727 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 7B2727 Background



This preview shows how black text looks on a background with the Hex color 7B2727.

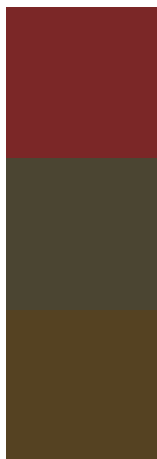


This preview shows how white text looks on a background with the Hex color 7B2727.

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
7B2727

Protanopia
4B4532

Deuteranopia
554222



Tritanopia
7B2729

Trichromacy



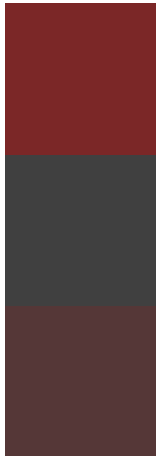
Original Color
7B2727

Protanomaly
5C3A2E

Deuteranomaly
633824

Tritanomaly
7B2728

Monochromacy



Original Color
7B2727

Achromatopsia
404040

Achromatomaly
553737

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B2727 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 #7B2727 looks like.

```
.text, #text, p{  
  color:#7B2727  
}
```

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 #7B2727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2727
}
```

Border

The CSS property to change the border of an element to Hex 7B2727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

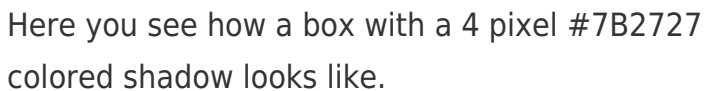
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2727 }
```

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

```
.border{ border-color:#7B2727 }
```

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



Here you see how a box with a 4 pixel #7B2727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2727; -webkit-box-shadow:4px 4px  
4px 4px #7B2727; box-shadow:4px 4px 4px  
4px #7B2727 }
```

Background

The CSS property to change the background color of an element to Hex 7B2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2727 }
```

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

```
.background{ background-color:#7B2727 }
```

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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