

# Converting Colors

Hex(78262E)

Have a look what the booklet for  
Hex(78262E) contains.

<b>Hex(78262E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(78262E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78262E
RGB	120, 38, 46
RGB Percent	47%, 15%, 18%
CMY	0.5294, 0.8510, 0.8196
CMYK	0.00, 0.68, 0.62, 0.53
HSL	354°, 52%, 31%
HSV	354°, 68%, 47%
XYZ	8.9320, 5.5766, 3.1904
YIQ	63.4300, 46.3040, 19.8720

# Conversions

## Conversions Part 2

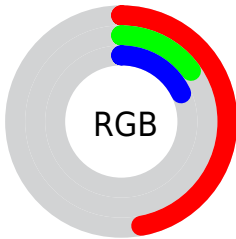
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 38, 46
Decimal	7874094
CIE Lab	28.32, 36.30, 14.75
CIE LCh	28, 39.179, 22.119
Yxy	5.5766, 0.5047, 0.3151
Android (android.graphics.Color)	4286064174 (0xFF78262E)
YUV	63.4300, -8.5930, 49.6119
Hunter-Lab	23.6147, 26.1897, 8.5201

# Details

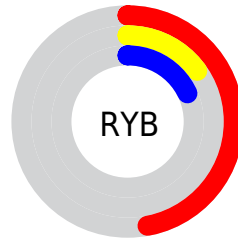
The Hex color **78262E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **267870**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B1585C**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **781A23**, and if you desaturate by 10%, it is **783239**.

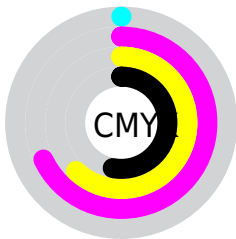
# Distribution



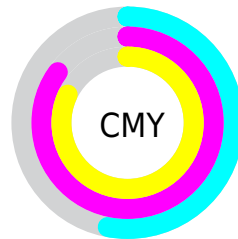
- Red (47%)
- Green (15%)
- Blue (18%)



- Red (47%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (62%)
- Black (53%)



- Cyan (53%)
- Magenta (85%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78262E 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 78262E by changing the saturation by 10% instead.



 78262E

 78262E

FFFFFF

 5D0A19

 B1585C

 420000

 CE7274

 2A0001

 EB8C8E

 000000

 FFA7A8

 FFC3C3

 FFDFDF

 FFFCFC

 78262E

 78262E

■ 781A23

■ 783239

■ 780E18

■ 783E44

■ 78020E

■ 784A4E

■ 78000C

■ 785659

■ 786264

■ 786E6F

■ 787A7A

■ 788685

■ 78928F

# Harmonies

## Analogous

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



75254C



78262E



6D3213

# Triad

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



78262E



114D1B



00497F

# Complementary

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



78262E



267870

# 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.



004F72



78262E



00503A

# Square

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



78262E



3C4801



005159



323E7B

# Rectangle

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



78262E



603B02



005159



004B7C



# Sweetspot

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



78262E



9C7B7E



702678



4F3B3D



CFCFCF



4F4F4F



# Same Dimension

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



78262E



9C1C28



784726



3D3738



7D000C



FC0019



# Inverse Universe

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



78262E



9C1C28



265778



3D3738



7D000C

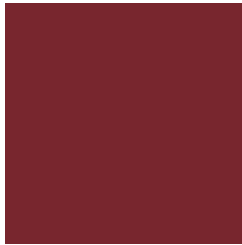


FC0019



# Previews

## White Background



This preview shows how the Hex color 78262E looks on a white background.

## Color Contrast Check

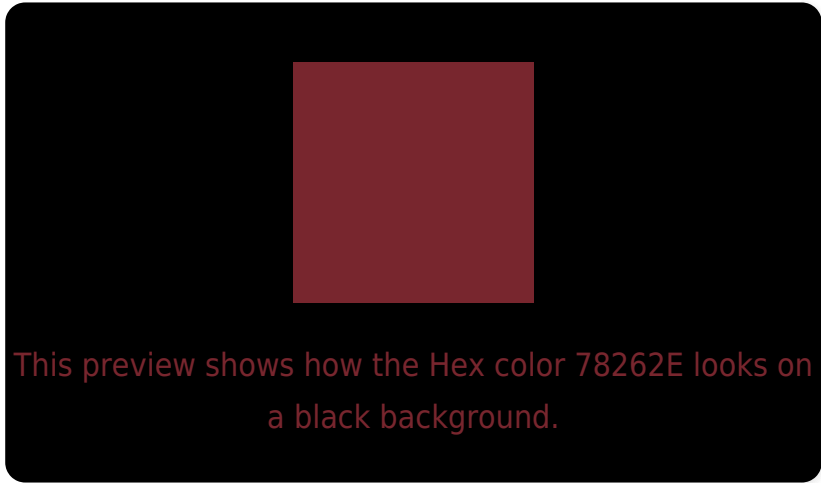
Large Text (above 18pt) WCAG AA ✓ Pass

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 78262E Background



This preview shows how black text looks on a background with the Hex color 78262E.



This preview shows how white text looks on a background with the Hex color 78262E.

# 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**  
78262E

**Protanopia**  
47443B

**Deuteranopia**  
52412A



# Trichromacy



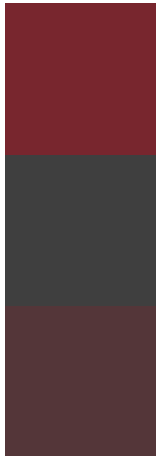
**Original Color**  
78262E

**Protanomaly**  
593936

**Deuteranomaly**  
60372B

**Tritanomaly**  
78272B

# Monochromacy



**Original Color**  
78262E

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
543639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78262E 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 #78262E looks like.

```
.text, #text, p{  
    color:#78262E  
}
```

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 #78262E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78262E
}
```

## Border

The CSS property to change the border of an element to Hex 78262E is called "border". The border property can be set on classes, ids or directly on the HTML element.

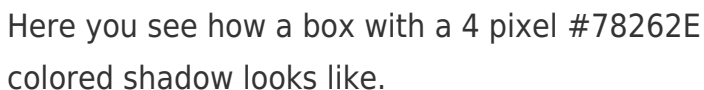
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78262E }
```

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

```
.border{ border-color:#78262E }
```

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



Here you see how a box with a 4 pixel #78262E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78262E; -webkit-box-shadow:4px 4px  
4px 4px #78262E; box-shadow:4px 4px 4px  
4px #78262E }
```

# Background

The CSS property to change the background color of an element to Hex 78262E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78262E }
```

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

```
.background{ background-color:#78262E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor