

# Converting Colors

Hex(812E29)

Have a look what the booklet for  
Hex(812E29) contains.

<b>Hex(812E29)</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(812E29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	812E29
RGB	129, 46, 41
RGB Percent	51%, 18%, 16%
CMY	0.4941, 0.8196, 0.8392
CMYK	0.00, 0.64, 0.68, 0.49
HSL	3°, 52%, 33%
HSV	3°, 68%, 51%
XYZ	10.4305, 6.7812, 2.8570
YIQ	70.2470, 51.0730, 16.0410

# Conversions

## Conversions Part 2

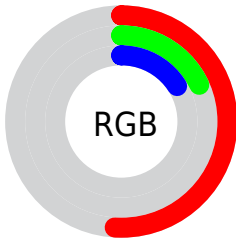
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 46, 41
Decimal	8465961
CIE <sub>Lab</sub>	31.30, 35.49, 22.13
CIE <sub>LCh</sub>	31, 41.821, 31.944
Yxy	6.7812, 0.5197, 0.3379
Android (android.graphics.Color)	4286656041 (0xFF812E29)
YUV	70.2470, -14.4188, 51.5264
Hunter-Lab	26.0408, 25.9259, 11.7237

# Details

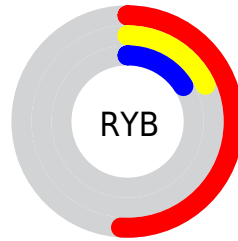
The Hex color **812E29** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **297C81**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **BB6056**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **81221C**, and if you desaturate by 10%, it is **813A36**.

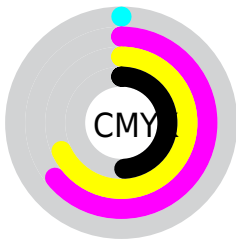
# Distribution



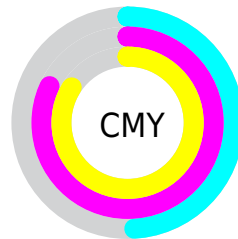
- Red (51%)
- Green (18%)
- Blue (16%)



- Red (51%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (49%)




- Cyan (49%)
- Magenta (82%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 812E29 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 812E29 by changing the saturation by 10% instead.



 812E29

 812E29

FFFFFF

 651414

 BB6056

 4A0000

 D87A6F

 310001

 F69488


 000000

 FFAFA3

 FFCBBE

 FFE8D9

 FFFFF6

 812E29

 812E29

■ 81221C

■ 813A36

■ 81160F

■ 814643

■ 810902

■ 815350

■ 810700

■ 815F5D

■ 816B6A

■ 817776

■ 818383

■ 818F90

■ 819C9D

# Harmonies

## Analogous

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



832849



812E29



713C0C

# Triad

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



812E29



005729



004D8B

# Complementary

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



812E29



297C81

# 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.



005583



812E29



00594B

# Square

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



812E29



365209



00586C



4C4082

# Rectangle

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



812E29



614500



00586C



00508B



# Sweetspot

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



812E29



A88987



81297D



544140



D4D4D4



545454



# Same Dimension

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



812E29



A8261E



815929



403A39



800700



000000



# Inverse Universe

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



297C81



1EA0A8



295181



393F40



007880



000000



# Previews

## White Background



This preview shows how the Hex color 812E29 looks on a white background.

## Color Contrast Check

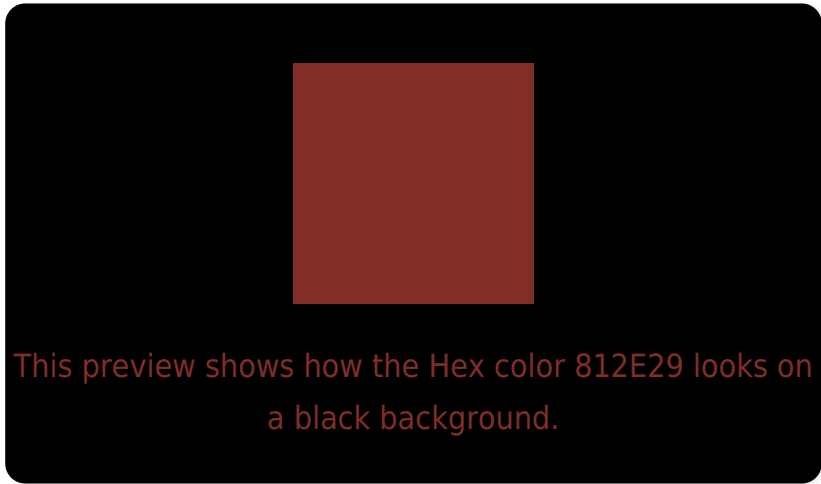
Large Text (above 18pt) WCAG AA ✓ Pass

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 812E29 Background



This preview shows how black text looks on a background with the Hex color 812E29.

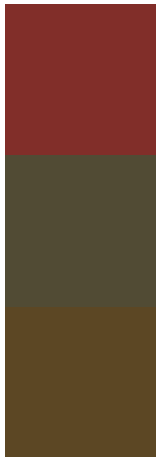


This preview shows how white text looks on a background with the Hex color 812E29.

# 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**  
812E29

**Protanopia**  
514B34

**Deuteranopia**  
5C4724



**Tritanopia**  
812D30

# Trichromacy



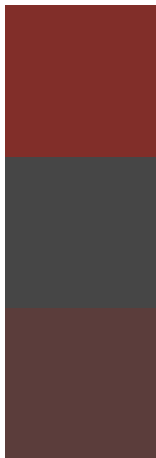
**Original Color**  
812E29

**Protanomaly**  
624030

**Deuteranomaly**  
693E26

**Tritanomaly**  
812D2D

# Monochromacy



**Original Color**  
812E29

**Achromatopsia**  
464646

**Achromatomaly**  
5B3D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 812E29 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 #812E29 looks like.

```
.text, #text, p{  
    color:#812E29  
}
```

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 #812E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812E29
}
```

## Border

The CSS property to change the border of an element to Hex 812E29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

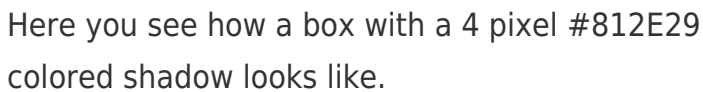
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#812E29 }
```

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

```
.border{ border-color:#812E29 }
```

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



Here you see how a box with a 4 pixel #812E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812E29; -webkit-box-shadow:4px 4px  
4px 4px #812E29; box-shadow:4px 4px 4px  
4px #812E29 }
```

# Background

The CSS property to change the background color of an element to Hex 812E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812E29 }
```

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

```
.background{ background-color:#812E29 }
```

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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