

Converting Colors

Hex(E81900)

Have a look what the booklet for
Hex(E81900) contains.

Hex(E81900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E81900)

Conversions

Conversions Part 1

Format	Color
Hex	E81900
RGB	232, 25, 0
RGB Percent	91%, 10%, 0%
CMY	0.0902, 0.9020, 1.0000
CMYK	0.00, 0.89, 1.00, 0.09
HSL	6°, 100%, 45%
HSV	6°, 100%, 91%
XYZ	33.6263, 17.8511, 1.6733
YIQ	84.0430, 131.3970, 36.1090

Conversions

Conversions Part 2

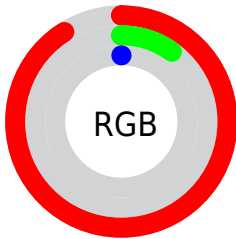
Format	Color
R_{YB}	232, 28, 0
Decimal	15210752
CIE Lab	49.31, 72.10, 62.89
CIE LCh	49, 95.674, 41.096
Yxy	17.8511, 0.6327, 0.3359
Android (android.graphics.Color)	4293400832 (0xFFE81900)
YUV	84.0430, -41.4332, 129.7583
Hunter-Lab	42.2505, 68.1261, 27.2272

Details

The Hex color **E81900** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00CFE8**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6239**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E81900**, and if you desaturate by 10%, it is **E82E17**.

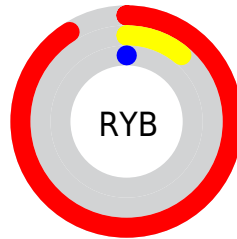
Distribution



Red (91%)

Green (10%)

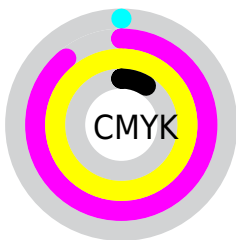
Blue (0%)



Red (91%)

Yellow (11%)

Blue (0%)

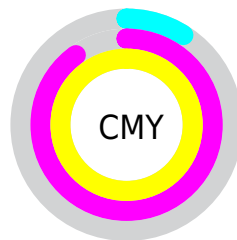


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E81900 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 E81900 by changing the saturation by 10% instead.

 E81900

 E81900

 FFFFF6

 C70000

 FF6239

 A60000

 FF8052

 850000

 FF9E6C

 650001

 FFBB86

 480004

 FFD9A1

 270001

 FFF7BD

 000000

 FFFFD9

 E81900

 E82E17

 E8422E

 E85746

 E86C5D

 E88174

 E8958B

 E8AAA2

 E8BFBA

 E8D3D1

Harmonies

Analogous

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



FC005C



E81900



B85D00

Triad

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



E81900



00923C



0077FF

Complementary

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



E81900



00CFE8

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.



008DFF



E81900



009593

Square

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



E81900



008B00



0094E0



964BF2

Rectangle

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



E81900



8D7400



0094E0



0081FF

Sweetspot

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



E81900



FFBBB3



E800D1



805752



000000



808080

Same Dimension

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



E81900



FF1B00



E88B00



736967



B31300



330500

Inverse Universe

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



00CFE8



00E4FF



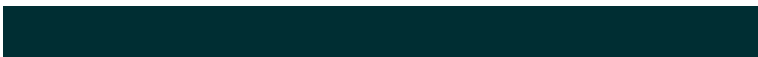
005DE8



677273



009FB3



002E33

Previews

White Background



This preview shows how the Hex color E81900 looks on a white background.

Color Contrast Check

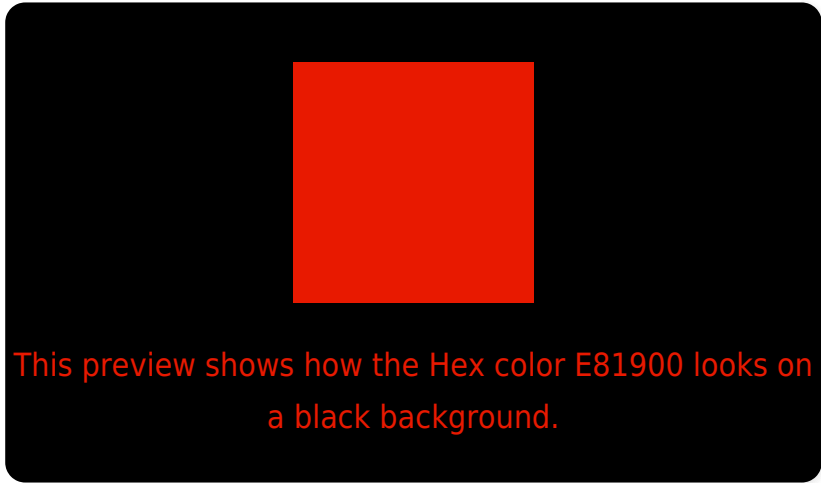
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E81900 Background



This preview shows how black text looks on a background with the Hex color E81900.



This preview shows how white text looks on a background with the Hex color E81900.

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
E81900

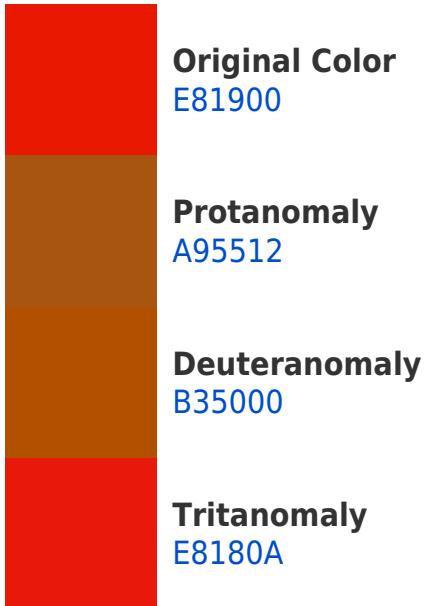
Protanopia
85771D

Deuteranopia
957000

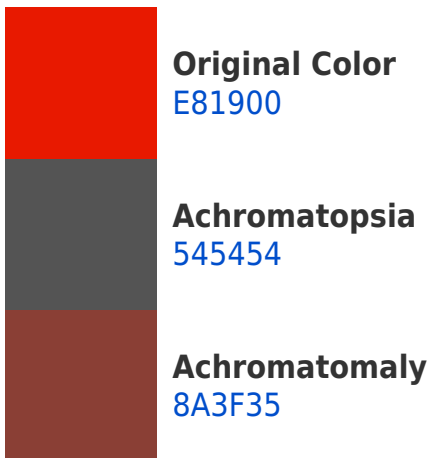


Tritanopia
E81810

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E81900 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 #E81900 looks like.

```
.text, #text, p{  
    color:#E81900  
}
```

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 #E81900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E81900
}
```

Border

The CSS property to change the border of an element to Hex E81900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

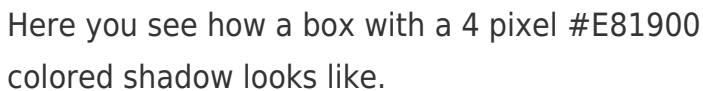
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E81900 }
```

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

```
.border{ border-color:#E81900 }
```

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



Here you see how a box with a 4 pixel #E81900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E81900; -webkit-box-shadow:4px 4px  
4px 4px #E81900; box-shadow:4px 4px 4px  
4px #E81900 }
```

Background

The CSS property to change the background color of an element to Hex E81900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E81900 }
```

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

```
.background{ background-color:#E81900 }
```

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