

Converting Colors

Hex(E82427)

Have a look what the booklet for
Hex(E82427) contains.

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Color

Hex(E82427)

Conversions

Conversions Part 1

Format	Color
Hex	E82427
RGB	232, 36, 39
RGB Percent	91%, 14%, 15%
CMY	0.0902, 0.8588, 0.8471
CMYK	0.00, 0.84, 0.83, 0.09
HSL	359°, 81%, 53%
HSV	359°, 84%, 91%
XYZ	34.2758, 18.5640, 3.6961
YIQ	94.9460, 115.8530, 42.4850

Conversions

Conversions Part 2

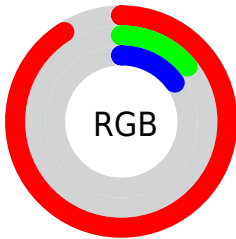
Format	Color
R_{YB}	232, 36, 39
Decimal	15213607
CIE _{Lab}	50.17, 70.66, 49.33
CIE _{LCh}	50, 86.181, 34.921
Yxy	18.5640, 0.6063, 0.3284
Android (android.graphics.Color)	4293403687 (0xFFE82427)
YUV	94.9460, -27.5814, 120.1964
Hunter-Lab	43.0860, 66.5999, 25.0740

Details

The Hex color **E82427** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **24E8E5**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6856**, and **A70000** is the 20% darker color. If you saturate the color by 10%, you get **E80D10**, and if you desaturate by 10%, it is **E83B3E**.

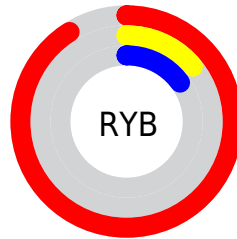
Distribution



Red (91%)

Green (14%)

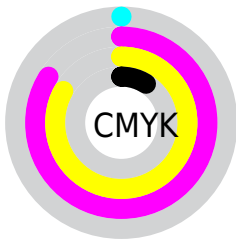
Blue (15%)



Red (91%)

Yellow (14%)

Blue (15%)

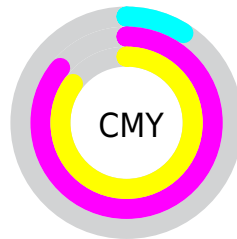


Cyan (0%)

Magenta (84%)

Yellow (83%)

Black (9%)



Cyan (9%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E82427 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 E82427 by changing the saturation by 10% instead.

 E82427

 E82427

FFFFFF

 C70010

 FF6856

 A70000

 FF856F

 860000

 FFA389

 670001


 FFC0A4

 4A0004

 FFDEBF

 290001

 FFFCDB

 000000

 FFFFF8

 E82427

 E82427

 E80D10

 E83B3E

 E80004

 E85255

 E86A6C

 E88182

 E89899

 E8AFB0

 E8C6C7

 E8DEDE

 E8F5F5

Harmonies

Analogous

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



F2006F



E82427



C15A00

Triad

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



E82427



009233



007EFF

Complementary

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



E82427



24E8E5

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.



008FFE



E82427



009582

Square

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



E82427



338900



0095CB



7E5CF2

Rectangle

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



E82427



9C7000



0095CB



0085FF

Sweetspot

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



E82427



FFBFC0



E524E8



80595A



000000



808080

Same Dimension

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



E82427



FF0004



E88324



736767



B30003



330001

Inverse Universe

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



E82427



FF0004



2489E8



736767



B30003



330001

Previews

White Background



This preview shows how the Hex color E82427 looks on a white background.

Color Contrast Check

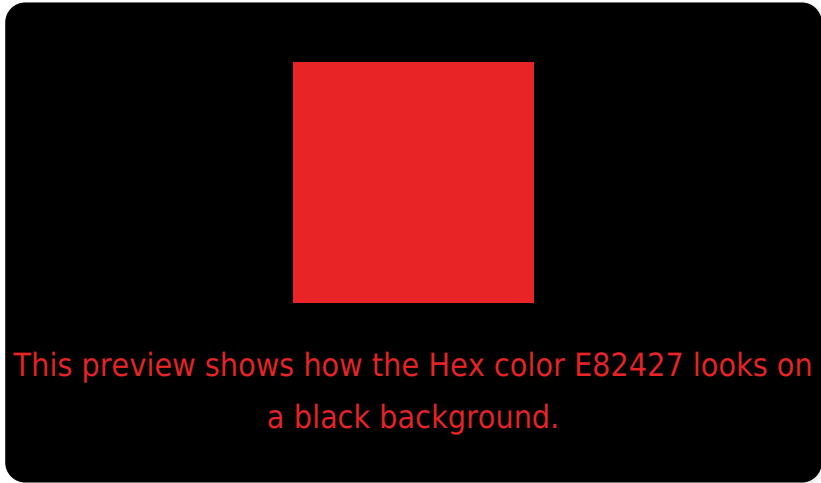
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

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 E82427 Background



This preview shows how black text looks on a background with the Hex color E82427.



This preview shows how white text looks on a background with the Hex color E82427.

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
E82427

Protanopia
85783C

Deuteranopia
987210



Tritanopia
E82522

Trichromacy



Original Color
E82427

Protanomaly
A95934

Deuteranomaly
B55618

Tritanomaly
E82524

Monochromacy



Original Color
E82427

Achromatopsia
5F5F5F

Achromatomaly
914A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex E82427 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 #E82427 looks like.

```
.text, #text, p{  
    color:#E82427  
}
```

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 #E82427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E82427
}
```

Border

The CSS property to change the border of an element to Hex E82427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

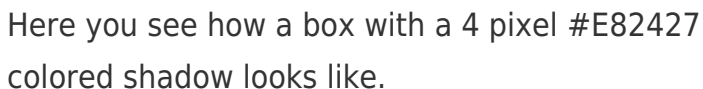
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E82427 }
```

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

```
.border{ border-color:#E82427 }
```

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



Here you see how a box with a 4 pixel #E82427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E82427; -webkit-box-shadow:4px 4px  
4px 4px #E82427; box-shadow:4px 4px 4px  
4px #E82427 }
```

Background

The CSS property to change the background color of an element to Hex E82427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E82427 }
```

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

```
.background{ background-color:#E82427 }
```

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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