

Converting Colors

Hex(D82315)

Have a look what the booklet for
Hex(D82315) contains.

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Color

Hex(D82315)

Conversions

Conversions Part 1

Format	Color
Hex	D82315
RGB	216, 35, 21
RGB Percent	85%, 14%, 8%
CMY	0.1529, 0.8627, 0.9176
CMYK	0.00, 0.84, 0.90, 0.15
HSL	4°, 82%, 46%
HSV	4°, 90%, 85%
XYZ	29.0553, 15.8551, 2.2384
YIQ	87.5230, 112.3700, 34.0180

Conversions

Conversions Part 2

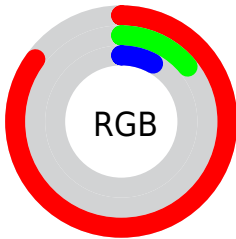
Format	Color
RYB	216, 36, 21
Decimal	14164757
CIELab	46.78, 66.20, 53.46
CIElCh	47, 85.091, 38.922
Yxy	15.8551, 0.6162, 0.3363
Android (android.graphics.Color)	4292354837 (0xFFD82315)
YUV	87.5230, -32.7958, 112.6743
Hunter-Lab	39.8185, 60.5678, 24.5399

Details

The Hex color **D82315** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **15CAD8**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6445**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D81000**, and if you desaturate by 10%, it is **D8372B**.

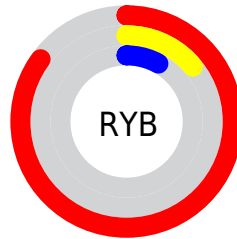
Distribution



Red (85%)

Green (14%)

Blue (8%)



Red (85%)

Yellow (14%)

Blue (8%)

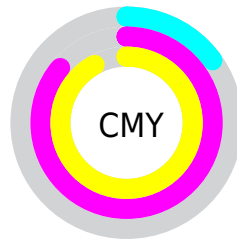


Cyan (0%)

Magenta (84%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (86%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D82315 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 D82315 by changing the saturation by 10% instead.

 D82315

 D82315

FFFFFF

 B70000

 FF6445

 970000

 FF815E

 770000

 FF9E78

 580001

 FFBB92

 3B0002

 FFD9AD

 150000

 FFF7C9

 000000

 FFFF E5

 D82315

 D82315

 D81000

 D8372B

 D84B40

 D85F56

 D8736B

 D88781

 D89B97

 D8AFAC

 D8C3C2

 D8D7D7

Harmonies

Analogous

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



E7005D



D82315



AF5700

Triad

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



D82315



008937



0072FF

Complementary

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



D82315



15CAD8

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.



0085F6



D82315



008B83

Square

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



D82315



0C8200



008BC8



854EE0

Rectangle

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



D82315



8A6C00



008BC8



007AFF

Sweetspot

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



D82315



FFBFBA



D815CB



805A57



000000



808080

Same Dimension

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



D82315



FF1200



D88415



6B6160



AB0C00



2B0300

Inverse Universe

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



15CAD8



00EDFF



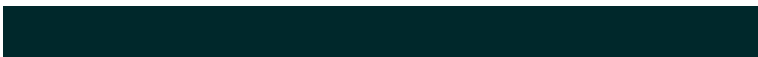
156AD8



606A6B



009FAB



00282B

Previews

White Background



This preview shows how the Hex color D82315 looks on a white background.

Color Contrast Check

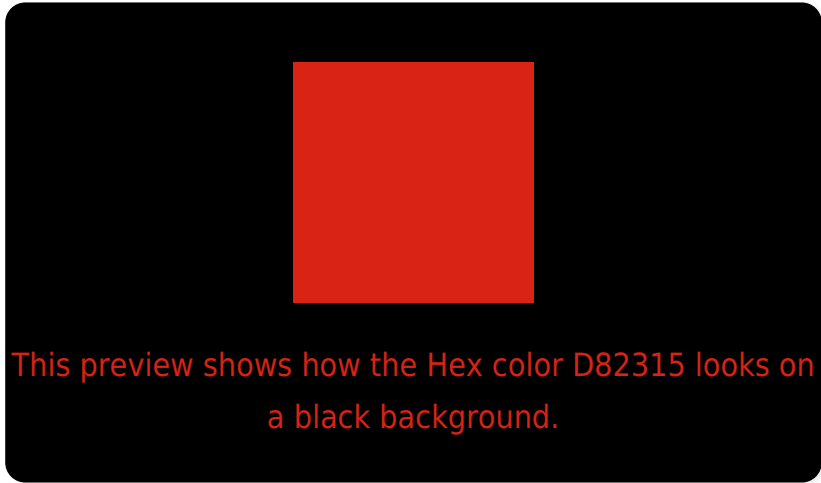
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 D82315 Background



This preview shows how black text looks on a background with the Hex color D82315.



This preview shows how white text looks on a background with the Hex color D82315.

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
D82315

Protanopia
7D7026

Tritanopia
D82220

Trichromacy

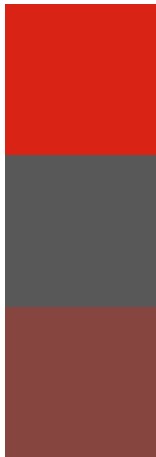


Original Color
D82315

Protanomaly
9E5420

Tritanomaly
D8221C

Monochromacy



Original Color
D82315

Achromatopsia
585858

Achromatomaly
874540

CSS Examples

Text

The CSS property to change the color of the text to Hex D82315 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 #D82315 looks like.

```
.text, #text, p{  
    color:#D82315  
}
```

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 #D82315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D82315
}
```

Border

The CSS property to change the border of an element to Hex D82315 is called "border". The border property can be set on classes, ids or directly on the HTML element.

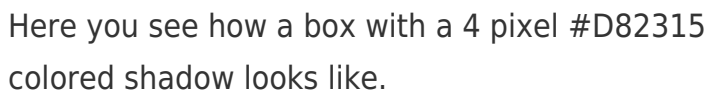
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D82315 }
```

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

```
.border{ border-color:#D82315 }
```

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



Here you see how a box with a 4 pixel #D82315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D82315; -webkit-box-shadow:4px 4px  
4px 4px #D82315; box-shadow:4px 4px 4px  
4px #D82315 }
```

Background

The CSS property to change the background color of an element to Hex D82315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D82315 }
```

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

```
.background{ background-color:#D82315 }
```

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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