

# Converting Colors

Hex(DB3A1C)

Have a look what the booklet for  
Hex(DB3A1C) contains.

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# Color

Hex(DB3A1C)

# Conversions

## Conversions Part 1

Format	Color
Hex	DB3A1C
RGB	219, 58, 28
RGB Percent	86%, 23%, 11%
CMY	0.1412, 0.7725, 0.8902
CMYK	0.00, 0.74, 0.87, 0.14
HSL	9°, 77%, 48%
HSV	9°, 87%, 86%
XYZ	30.9361, 18.1700, 2.9753
YIQ	102.7190, 105.5860, 24.8020

# Conversions

## Conversions Part 2

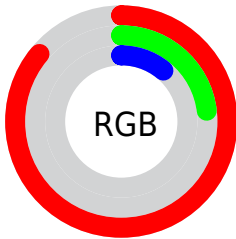
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 64, 28</a>
Decimal	<a href="#">14367260</a>
CIELab	<a href="#">49.70, 60.74, 53.04</a>
CIELCh	<a href="#">50, 80.638, 41.128</a>
Yxy	<a href="#">18.1700, 0.5940, 0.3489</a>
Android (android.graphics.Color)	<a href="#">4292557340 (0xFFDB3A1C)</a>
YUV	<a href="#">102.7190, -36.8365, 101.9784</a>
Hunter-Lab	<a href="#">42.6263, 54.9505, 25.7001</a>

# Details

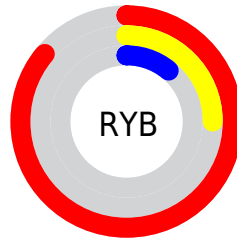
The Hex color **DB3A1C** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1CBDD8**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF744D**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DB2806**, and if you desaturate by 10%, it is **DB4C32**.

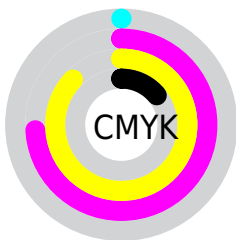
# Distribution



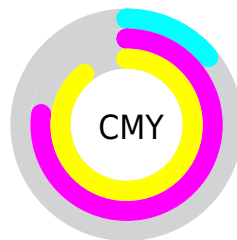
- Red (86%)
- Green (23%)
- Blue (11%)



- Red (86%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (74%)
- Yellow (87%)
- Black (14%)



- Cyan (14%)
- Magenta (77%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB3A1C 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 DB3A1C by changing the saturation by 10% instead.



 DB3A1C

 DB3A1C

FFFFFF

 BB1501

 FF744D

 9B0000

 FF9066

 7B0000

 FFAD80

 5C0000

 FFCA9A

 410003

 FFE7B5

 1E0001

 FFFFD1

 000000

 FFFFEE

 DB3A1C

 DB3A1C

 DB2806

 DB4C32

 DB2200

 DB5F48

 DB715E

 DB8474

 DB968A

 DBA99F

 DBBBB5

 DBCECB

 DBE0E1

# Harmonies

## Analogous

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



EB0060



DB3A1C



B26200

# Triad

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



DB3A1C



009046



0077FF

# Complementary

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



DB3A1C



1CBDD8

# 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.



008AF9



DB3A1C



00938F

# Square

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



DB3A1C



1B8900



0092D0



9555DF

# Rectangle

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



DB3A1C



8E7500



0092D0



007FFF



# Sweetspot

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



DB3A1C



FFC7BD



DB1CBE



805E58



000000



808080



# Same Dimension

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



DB3A1C



FF2800



DB981C



6E6463



AD1B00



2E0700



# Inverse Universe

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



1CBDDB



00D7FF



1C5FDB



636C6E



0092AD



00272E



# Previews

## White Background



This preview shows how the Hex color DB3A1C looks on a white background.

## Color Contrast Check

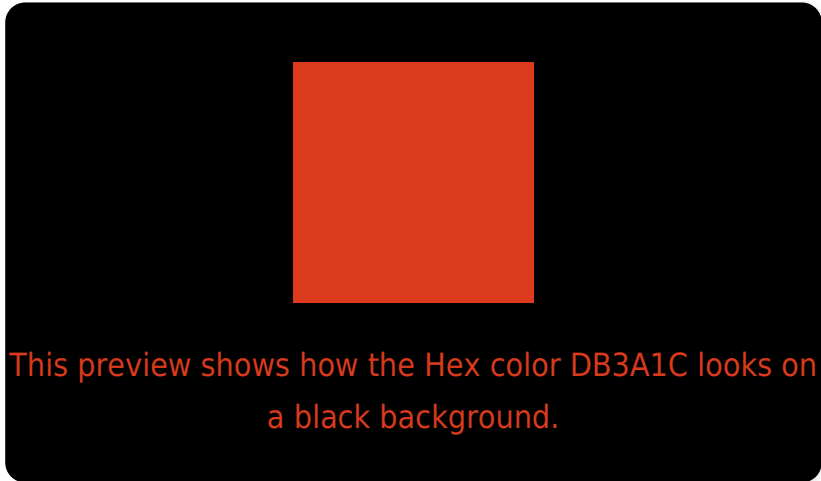
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB3A1C Background



This preview shows how black text looks on a background with the Hex color DB3A1C.



This preview shows how white text looks on a background with the Hex color DB3A1C.

# 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



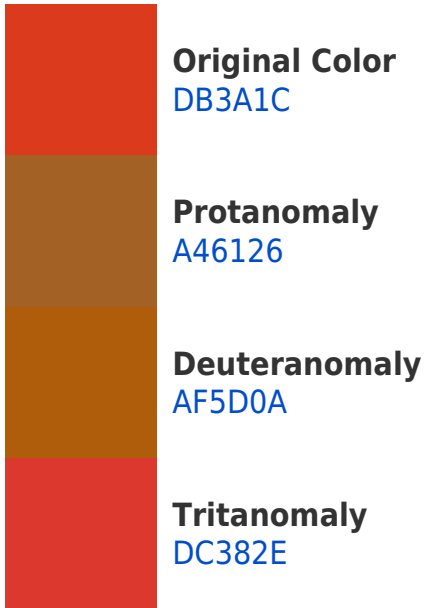
**Original Color**  
DB3A1C

**Protanopia**  
85772B

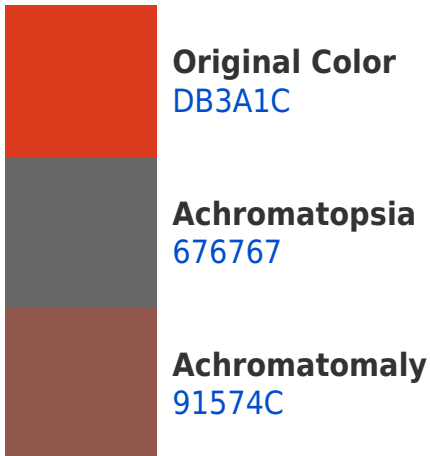
**Deuteranopia**  
967100



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB3A1C 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 #DB3A1C looks like.

```
.text, #text, p{  
    color:#DB3A1C  
}
```

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 #DB3A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3A1C
}
```

## Border

The CSS property to change the border of an element to Hex DB3A1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

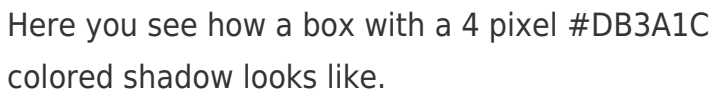
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB3A1C }
```

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

```
.border{ border-color:#DB3A1C }
```

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



Here you see how a box with a 4 pixel #DB3A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3A1C; -webkit-box-shadow:4px 4px  
4px 4px #DB3A1C; box-shadow:4px 4px 4px  
4px #DB3A1C }
```

# Background

The CSS property to change the background color of an element to Hex DB3A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3A1C }
```

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

```
.background{ background-color:#DB3A1C }
```

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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