

# Converting Colors

Hex(DB5A1C)

Have a look what the booklet for  
Hex(DB5A1C) contains.

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# Color

Hex(DB5A1C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5A1C
RGB	219, 90, 28
RGB Percent	86%, 35%, 11%
CMY	0.1412, 0.6471, 0.8902
CMYK	0.00, 0.59, 0.87, 0.14
HSL	19°, 77%, 48%
HSV	19°, 87%, 86%
XYZ	33.0792, 22.4562, 3.6896
YIQ	121.5030, 96.7860, 8.0660

# Conversions

## Conversions Part 2

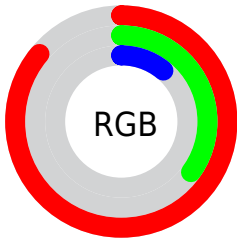
Format	Color
R <sub>Y</sub> B	219, 120, 28
Decimal	14375452
CIE Lab	54.51, 47.79, 56.85
CIE LCh	55, 74.265, 49.946
Yxy	22.4562, 0.5585, 0.3792
Android (android.graphics.Color)	4292565532 (0xFFDB5A1C)
YUV	121.5030, -46.0970, 85.5049
Hunter-Lab	47.3880, 41.6728, 28.5553

# Details

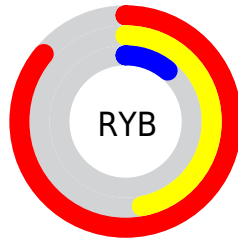
The Hex color **DB5A1C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1C9DDB**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF904F**, and **9C2300** is the 20% darker color. If you saturate the color by 10%, you get **DB4B06**, and if you desaturate by 10%, it is **DB6932**.

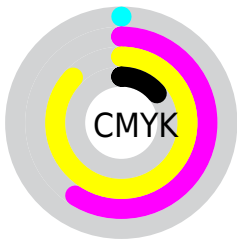
# Distribution



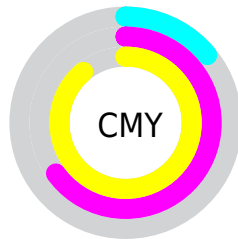
- Red (86%)
- Green (35%)
- Blue (11%)



- Red (86%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (87%)
- Black (14%)



- Cyan (14%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5A1C 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 DB5A1C by changing the saturation by 10% instead.



 DB5A1C

 DB5A1C

FFFFFF

 BB3F00

 FF904F

 9C2300

 FFAB69

 7D0000

 FFC883

 5F0000

 FFE49E

 420000

 FFFFBA

 260001

 FFFFD6

 000000

 FFFFF3

 DB5A1C

 DB5A1C

 DB4B06

 DB6932

 DB4700

 DB7848

 DB865E

 DB9574

 DBA48A

 DBB39F

 DBC2B5

 DBD0CB

 DBDFE1

# Harmonies

## Analogous

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



F13A5B



DB5A1C



AF7800

# Triad

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



DB5A1C



009D6A



447BFC

# Complementary

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



DB5A1C



1C9DDB

# 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.



0091FF



DB5A1C



009FAD

# Square

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



DB5A1C



009825



009BE4



B85AD6

# Rectangle

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



DB5A1C



8A8600



009BE4



0083FF



# Sweetspot

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



DB5A1C



FFD2BD



DB1C9F



806558



000000



808080



# Same Dimension

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



DB5A1C



FF5300



DBB81C



6E6663



AD3800



2E0F00

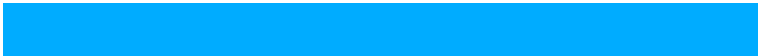


# Inverse Universe

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



1C9DDB



00ACFF



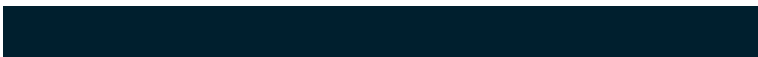
1C3FDB



636A6E



0075AD



001F2E



# Previews

## White Background



This preview shows how the Hex color DB5A1C looks on a white background.

## Color Contrast Check

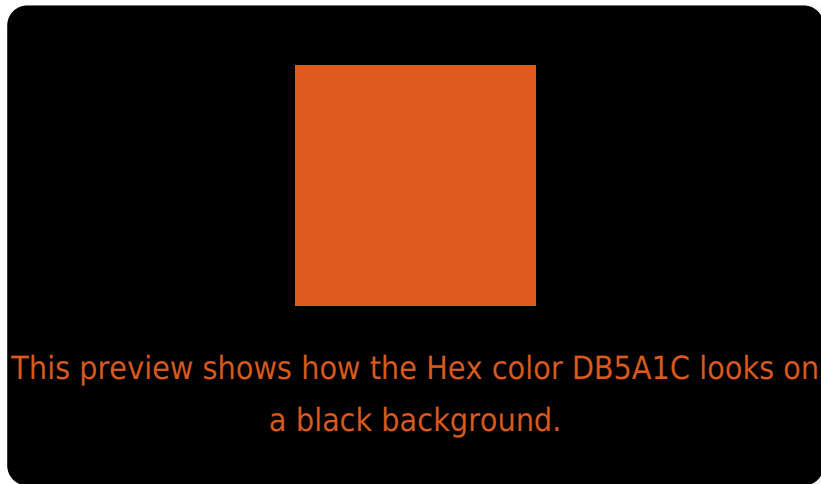
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5A1C Background



This preview shows how black text looks on a background with the Hex color DB5A1C.



This preview shows how white text looks on a background with the Hex color DB5A1C.

# 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**  
DB5A1C

**Protanopia**  
938326

**Deuteranopia**  
A67C00



# Trichromacy



**Original Color**  
DB5A1C

**Protanomaly**  
AD7422

**Deuteranomaly**  
B9700A

**Tritanomaly**  
DC5643

# Monochromacy



**Original Color**  
DB5A1C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
9D6E58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5A1C 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 #DB5A1C looks like.

```
.text, #text, p{  
    color:#DB5A1C  
}
```

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 #DB5A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5A1C
}
```

## Border

The CSS property to change the border of an element to Hex DB5A1C 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
#DB5A1C }
```

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

```
.border{ border-color:#DB5A1C }
```

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

Here you see how a box with a 4 pixel #DB5A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5A1C; -webkit-box-shadow:4px 4px  
4px 4px #DB5A1C; box-shadow:4px 4px 4px  
4px #DB5A1C }
```

# Background

The CSS property to change the background color of an element to Hex DB5A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5A1C }
```

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

```
.background{ background-color:#DB5A1C }
```

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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