

Converting Colors

Hex(D63C1B)

Have a look what the booklet for
Hex(D63C1B) contains.

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Color

Hex(D63C1B)

Conversions

Conversions Part 1

Format	Color
Hex	D63C1B
RGB	214, 60, 27
RGB Percent	84%, 24%, 11%
CMY	0.1608, 0.7647, 0.8941
CMYK	0.00, 0.72, 0.87, 0.16
HSL	11°, 78%, 47%
HSV	11°, 87%, 84%
XYZ	29.5452, 17.6070, 2.8782
YIQ	102.2840, 102.3770, 22.3850

Conversions

Conversions Part 2

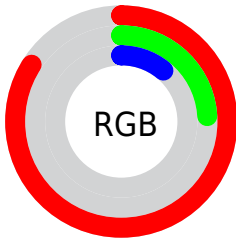
Format	Color
RYB	214, 67, 27
Decimal	14040091
CIELab	49.02, 58.46, 52.52
CIElCh	49, 78.588, 41.934
Yxy	17.6070, 0.5905, 0.3519
Android (android.graphics.Color)	4292230171 (0xFFD63C1B)
YUV	102.2840, -37.1150, 97.9749
Hunter-Lab	41.9607, 52.2537, 25.3056

Details

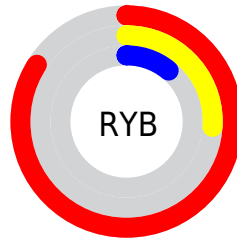
The Hex color **D63C1B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1BB5D6**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF754C**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D62A06**, and if you desaturate by 10%, it is **D64E30**.

Distribution



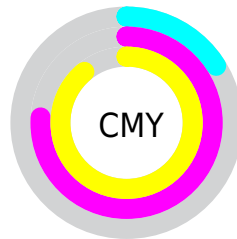
- Red (84%)
- Green (24%)
- Blue (11%)



- Red (84%)
- Yellow (26%)
- Blue (11%)



- Cyan (0%)
- Magenta (72%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D63C1B 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 D63C1B by changing the saturation by 10% instead.

 D63C1B

 D63C1B

FFFFFF

 B61A00

 FF754C

 960000

 FF9165

 770000

 FFAD7F

 580000

 FFCA99

 3D0003

 FFE7B4

 170000

 FFFFD0

 000000

 FFFFED

 D63C1B

 D63C1B

 D62A06

 D64E30

 D62600

 D65F46

 D6715B

 D68271

 D69486

 D6A69B

 D6B7B1

 D6C9C6

 D6DBDC

Harmonies

Analogous

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



E6005D



D63C1B



AE6200

Triad

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



D63C1B



008E48



0075F9

Complementary

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



D63C1B



1BB5D6

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.



0087F5



D63C1B



00908E

Square

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



D63C1B



198700



008FCD



9553D9

Rectangle

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



D63C1B



8A7300



008FCD



007CFC

Sweetspot

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



D63C1B



FFC8BD



D61BB7



805F58



000000



808080

Same Dimension

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



D63C1B



FF2D00



D6981B



6B6260



AB1E00



2B0800

Inverse Universe

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



1BB5D6



00D2FF



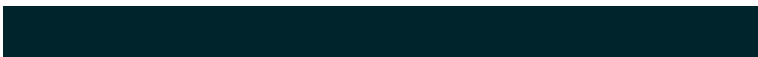
1B59D6



60696B



008DAB



00242B

Previews

White Background



This preview shows how the Hex color D63C1B looks on a white background.

Color Contrast Check

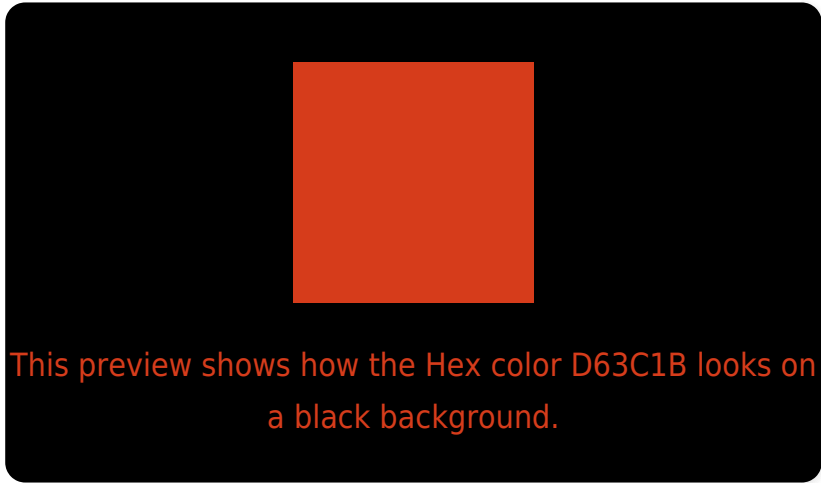
Large Text (above 18pt) WCAG AA ✓ Pass

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 D63C1B Background



This preview shows how black text looks on a background with the Hex color D63C1B.



This preview shows how white text looks on a background with the Hex color D63C1B.

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
D63C1B

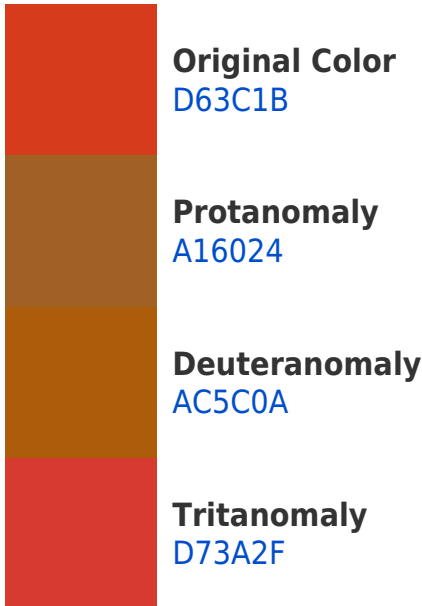
Protanopia
837529

Deuteranopia
946F00

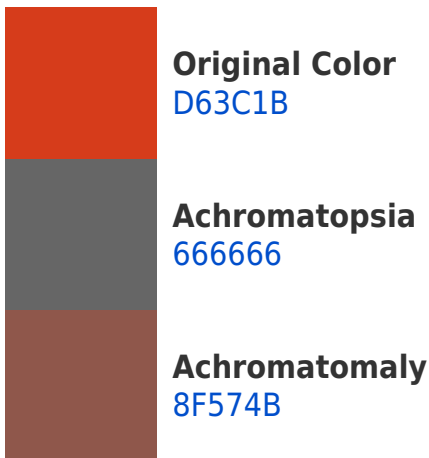


Tritanopia
D7393B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D63C1B 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 #D63C1B looks like.

```
.text, #text, p{  
    color:#D63C1B  
}
```

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 #D63C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D63C1B }  
}
```

Border

The CSS property to change the border of an element to Hex D63C1B 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".

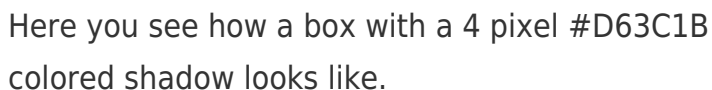
```
.border, #border, table{ border:4px solid #D63C1B }  
}
```

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

```
.border{ border-color:#D63C1B }
```

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

Here you see how a box with a 4 pixel #D63C1B colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D63C1B; -webkit-box-shadow:4px 4px  
4px 4px #D63C1B; box-shadow:4px 4px 4px  
4px #D63C1B }
```

Background

The CSS property to change the background color of an element to Hex D63C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D63C1B }
```

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

```
.background{ background-color:#D63C1B }
```

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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