

Converting Colors

Hex(D63B3D)

Have a look what the booklet for
Hex(D63B3D) contains.

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Color

Hex(D63B3D)

Conversions

Conversions Part 1

Format	Color
Hex	D63B3D
RGB	214, 59, 61
RGB Percent	84%, 23%, 24%
CMY	0.1608, 0.7686, 0.7608
CMYK	0.00, 0.72, 0.71, 0.16
HSL	359°, 65%, 54%
HSV	359°, 72%, 84%
XYZ	30.1378, 17.7610, 6.2547
YIQ	105.5730, 91.7380, 33.4820

Conversions

Conversions Part 2

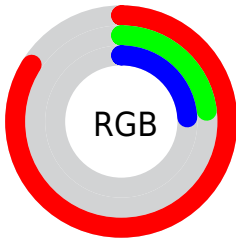
Format	Color
R_{YB}	214, 59, 61
Decimal	14039869
CIE Lab	49.20, 59.90, 35.25
CIE LCh	49, 69.502, 30.479
Yxy	17.7610, 0.5565, 0.3280
Android (android.graphics.Color)	4292229949 (0xFFD63B3D)
YUV	105.5730, -21.9745, 95.0905
Hunter-Lab	42.1438, 53.8971, 20.7013

Details

The Hex color **D63B3D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3BD6D4**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF756D**, and **970012** is the 20% darker color. If you saturate the color by 10%, you get **D62628**, and if you desaturate by 10%, it is **D65052**.

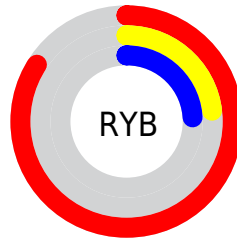
Distribution



Red (84%)

Green (23%)

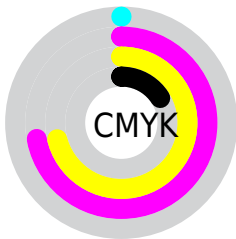
Blue (24%)



Red (84%)

Yellow (23%)

Blue (24%)

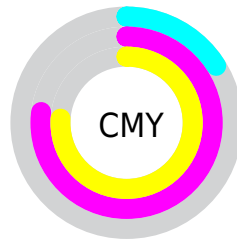


Cyan (0%)

Magenta (72%)

Yellow (71%)

Black (16%)



Cyan (16%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D63B3D 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 D63B3D by changing the saturation by 10% instead.

 D63B3D

 D63B3D

FFFFFF

 B71727

 FF756D

 970012

 FF9186

 790000

 FFADA1

 5A0000

 FFCABC

 3E0003

 FFE8D7

 1A0001

 FFFFF4

 000000

 D63B3D

 D63B3D

 D62628

 D65052

 D61013

 D66667

 D60003

 D67B7C

 D69191

 D6A6A7

 D6BBBC

 D6D1D1

 D6E6E6

 D6FCFB

Harmonies

Analogous

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



D92B77



D63B3D



BA5A00

Triad

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



D63B3D



008B36



007CEC

Complementary

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



D63B3D



3BD6D4

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.



0089DC



D63B3D



008E74

Square

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



D63B3D



518200



008EB0



6F65DC

Rectangle

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



D63B3D



9D6C00



008EB0



0082EA

Sweetspot

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



D63B3D



FFC7C8



D33BD6



805E5F



000000



808080

Same Dimension

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



D63B3D



FF2124



D6863B



6B6061



AB0002



2B0001

Inverse Universe

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



D63B3D



FF2124



3B8BD6



6B6061



AB0002



2B0001

Previews

White Background



This preview shows how the Hex color D63B3D looks on a white background.

Color Contrast Check

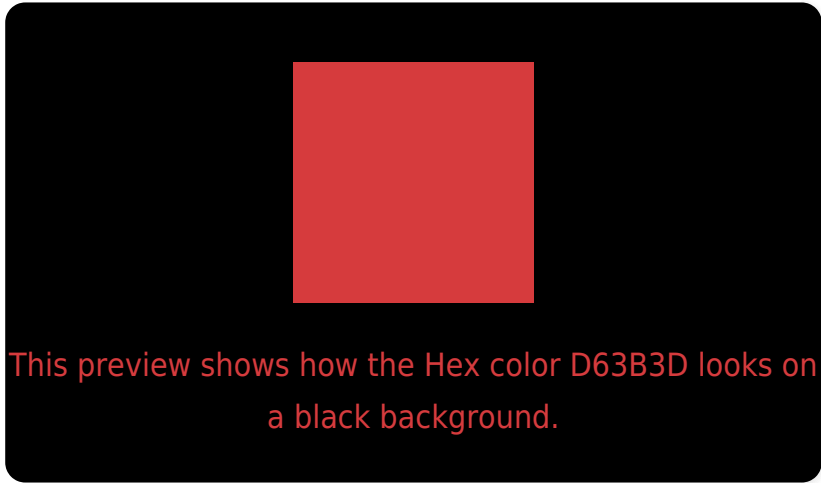
Large Text (above 18pt) WCAG AA ✓ Pass

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 D63B3D Background



This preview shows how black text looks on a background with the Hex color D63B3D.



This preview shows how white text looks on a background with the Hex color D63B3D.

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
D63B3D

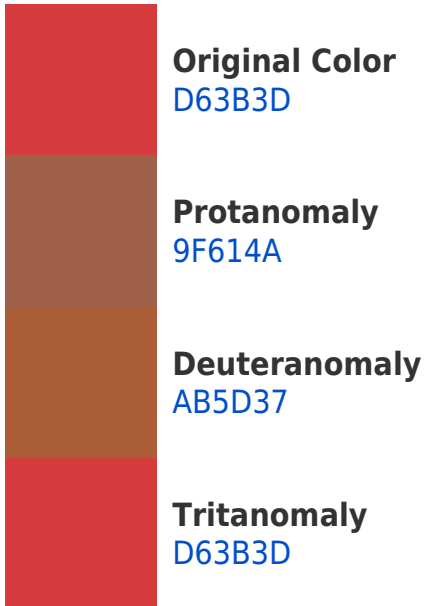
Protanopia
7F7651

Deuteranopia
927034

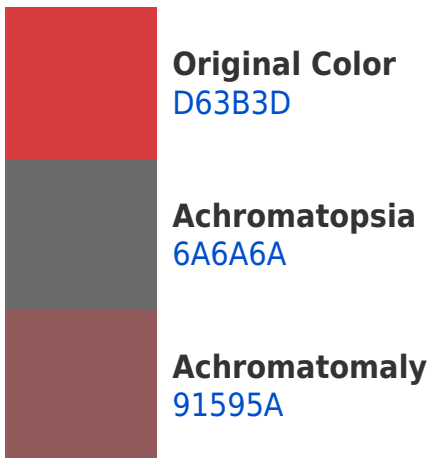


Tritanopia
D63B3D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D63B3D 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 #D63B3D looks like.

```
.text, #text, p{  
  color:#D63B3D  
}
```

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 #D63B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D63B3D
}
```

Border

The CSS property to change the border of an element to Hex D63B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

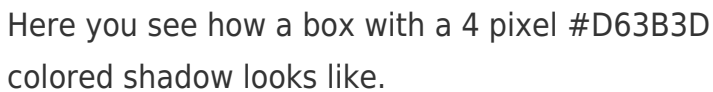
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D63B3D }
```

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

```
.border{ border-color:#D63B3D }
```

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



Here you see how a box with a 4 pixel #D63B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D63B3D; -webkit-box-shadow:4px 4px  
4px 4px #D63B3D; box-shadow:4px 4px 4px  
4px #D63B3D }
```

Background

The CSS property to change the background color of an element to Hex D63B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D63B3D }
```

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

```
.background{ background-color:#D63B3D }
```

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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