

Converting Colors

Hex(D63A40)

Have a look what the booklet for
Hex(D63A40) contains.

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Color

Hex(D63A40)

Conversions

Conversions Part 1

Format	Color
Hex	D63A40
RGB	214, 58, 64
RGB Percent	84%, 23%, 25%
CMY	0.1608, 0.7725, 0.7490
CMYK	0.00, 0.73, 0.70, 0.16
HSL	358°, 66%, 53%
HSV	358°, 73%, 84%
XYZ	30.1700, 17.6924, 6.6753
YIQ	105.3280, 91.0500, 34.9380

Conversions

Conversions Part 2

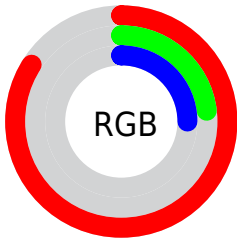
Format	Color
RYB	214, 58, 64
Decimal	14039616
CIELab	49.12, 60.38, 33.42
CIElCh	49, 69.010, 28.961
Yxy	17.6924, 0.5532, 0.3244
Android (android.graphics.Color)	4292229696 (0xFFD63A40)
YUV	105.3280, -20.3747, 95.3053
Hunter-Lab	42.0624, 54.4234, 20.0343

Details

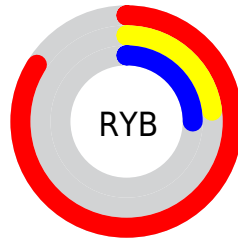
The Hex color **D63A40** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3AD6D0**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7470**, and **970015** is the 20% darker color. If you saturate the color by 10%, you get **D6252B**, and if you desaturate by 10%, it is **D64F55**.

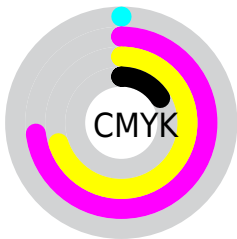
Distribution



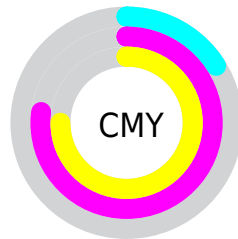
- Red (84%)
- Green (23%)
- Blue (25%)



- Red (84%)
- Yellow (23%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D63A40 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 D63A40 by changing the saturation by 10% instead.

 D63A40

 D63A40

FFFFFF

 B7152A

 FF7470

 970015

 FF9089

 790000

 FFADA4

 5A0000

 FFCABF

 3E0003

 FFE7DB

 1B0001

 FFFFF7

 000000

 D63A40

 D63A40

 D6252B

 D64F55

 D60F17

 D66569

 D60008

 D67A7E

 D69092

 D6A5A7

 D6BABB

 D6D0D0

 D6E5E5

 D6FBF9

Harmonies

Analogous

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



D72C79



D63A40



BB5900

Triad

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



D63A40



008A33



007DEB

Complementary

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



D63A40



3AD6D0

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.



0089D9



D63A40



008E71

Square

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



D63A40



558100



008EAC



6966DC

Rectangle

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



D63A40



9F6A00



008EAC



0082E9

Sweetspot

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



D63A40



FFC7C9



CE3AD6



805E60



000000



808080

Same Dimension

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



D63A40



FF212A



D6803A



6B6061



AB0007



2B0002

Inverse Universe

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



D63A40



FF212A



3A90D6



6B6061



AB0007



2B0002

Previews

White Background



This preview shows how the Hex color D63A40 looks on a white background.

Color Contrast Check

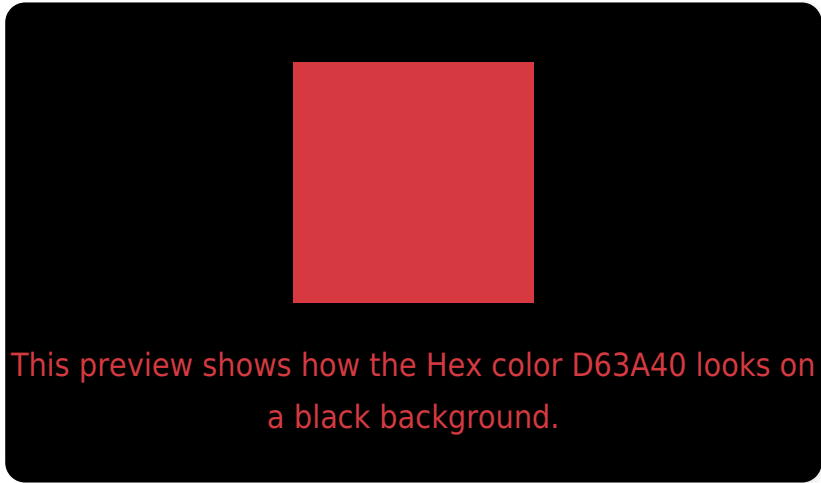
Large Text (above 18pt) WCAG AA ✓ Pass

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 D63A40 Background



This preview shows how black text looks on a background with the Hex color D63A40.



This preview shows how white text looks on a background with the Hex color D63A40.

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
D63A40

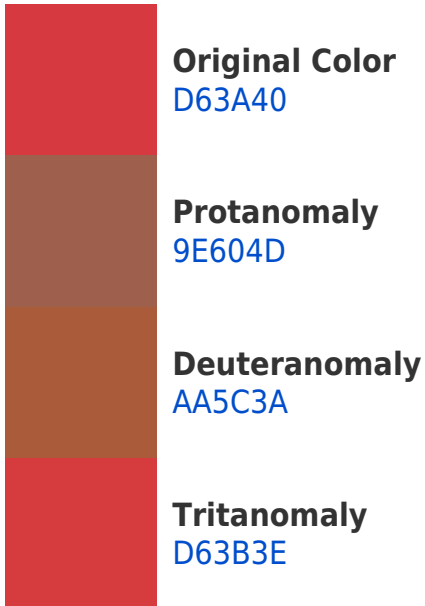
Protanopia
7E7555

Deuteranopia
917037

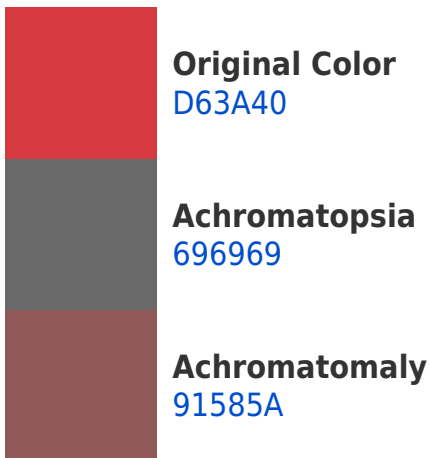


Tritanopia
D63B3D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D63A40 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 #D63A40 looks like.

```
.text, #text, p{  
    color:#D63A40  
}
```

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 #D63A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D63A40
}
```

Border

The CSS property to change the border of an element to Hex D63A40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

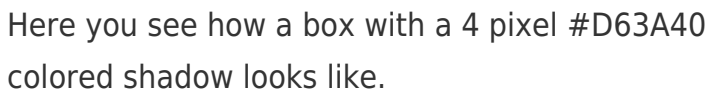
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D63A40 }
```

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

```
.border{ border-color:#D63A40 }
```

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



Here you see how a box with a 4 pixel `#D63A40` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D63A40; -webkit-box-shadow:4px 4px  
4px 4px #D63A40; box-shadow:4px 4px 4px  
4px #D63A40 }
```

Background

The CSS property to change the background color of an element to Hex D63A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D63A40 }
```

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

```
.background{ background-color:#D63A40 }
```

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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