

Converting Colors

Hex(D63802)

Have a look what the booklet for
Hex(D63802) contains.

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Color

Hex(D63802)

Conversions

Conversions Part 1

Format	Color
Hex	D63802
RGB	214, 56, 2
RGB Percent	84%, 22%, 1%
CMY	0.1608, 0.7804, 0.9922
CMYK	0.00, 0.74, 0.99, 0.16
HSL	15°, 98%, 42%
HSV	15°, 99%, 84%
XYZ	29.1567, 17.1289, 1.8269
YIQ	97.0860, 111.5020, 16.7020

Conversions

Conversions Part 2

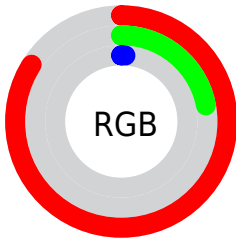
Format	Color
RYB	214, 74, 2
Decimal	14039042
CIELab	48.42, 59.53, 59.87
CIELCh	48, 84.430, 45.163
Yxy	17.1289, 0.6060, 0.3560
Android (android.graphics.Color)	4292229122 (0xFFD63802)
YUV	97.0860, -46.8774, 102.5336
Hunter-Lab	41.3870, 53.3238, 26.3537

Details

The Hex color **D63802** 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 **02A0D6**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF723B**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D63700**, and if you desaturate by 10%, it is **D64817**.

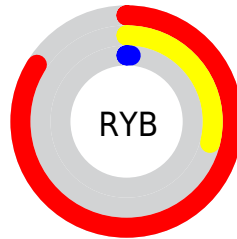
Distribution



Red (84%)

Green (22%)

Blue (1%)



Red (84%)

Yellow (29%)

Blue (1%)

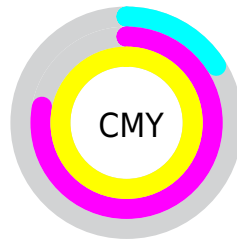


Cyan (0%)

Magenta (74%)

Yellow (99%)

Black (16%)



Cyan (16%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D63802 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 D63802 by changing the saturation by 10% instead.

 D63802

 D63802

 FFFFFFF9

 B61300

 FF723B

 960000

 FF8E55

 760000

 FFAA6E

 570000

 FFC789

 3B0003

 FFE4A4

 150000

 FFFFBF

 000000

 FFFFDC

 D63802

 D63802

 D63700

 D64817

 D6582D

 D66842

 D67858

 D6886D

 D69882

 D6A898

 D6B8AD

 D6C8C3

Harmonies

Analogous

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



EB0053



D63802



A96300

Triad

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



D63802



008E4B



0070FF

Complementary

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



D63802



02A0D6

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.



0086FF



D63802



009097

Square

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



D63802



008800



008FD8



9F49D9

Rectangle

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



D63802



827400



008FD8



0079FF

Sweetspot

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



D63802



FFC6B3



D602A1



805D52



000000



808080

Same Dimension

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



D63802



FF4100



D6A102



6B6360



AB2C00



2B0B00

Inverse Universe

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



02A0D6



00BEFF



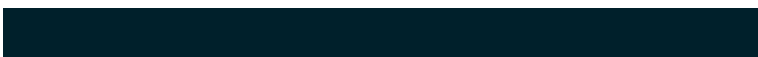
0237D6



60686B



007FAB



00202B

Previews

White Background



This preview shows how the Hex color D63802 looks on a white background.

Color Contrast Check

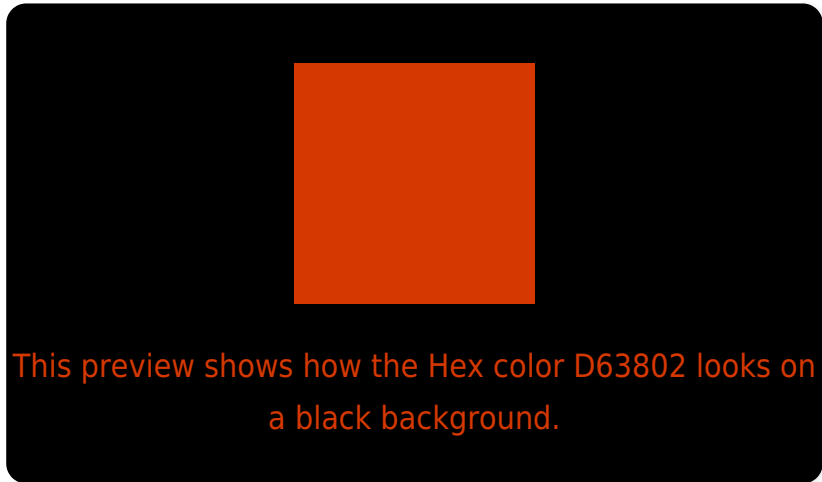
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D63802 Background



This preview shows how black text looks on a background with the Hex color D63802.



This preview shows how white text looks on a background with the Hex color D63802.

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
D63802

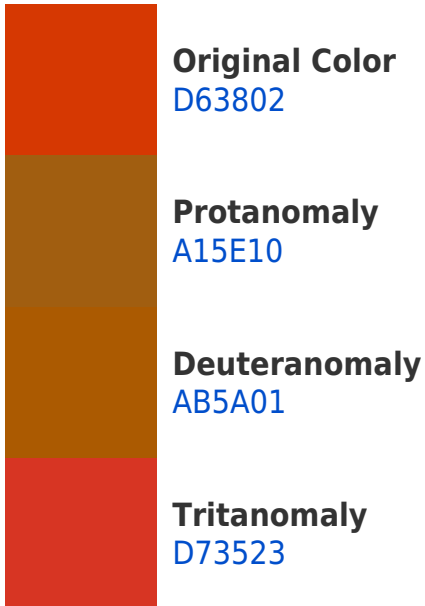
Protanopia
827418

Deuteranopia
926E00



Tritanopia
D73436

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D63802 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 #D63802 looks like.

```
.text, #text, p{  
    color:#D63802  
}
```

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 #D63802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D63802
}
```

Border

The CSS property to change the border of an element to Hex D63802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

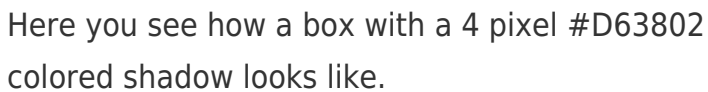
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D63802 }
```

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

```
.border{ border-color:#D63802 }
```

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



Here you see how a box with a 4 pixel #D63802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D63802; -webkit-box-shadow:4px 4px  
4px 4px #D63802; box-shadow:4px 4px 4px  
4px #D63802 }
```

Background

The CSS property to change the background color of an element to Hex D63802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D63802 }
```

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

```
.background{ background-color:#D63802 }
```

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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