

Converting Colors

Hex(D33623)

Have a look what the booklet for
Hex(D33623) contains.

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Color

Hex(D33623)

Conversions

Conversions Part 1

Format	Color
Hex	D33623
RGB	211, 54, 35
RGB Percent	83%, 21%, 14%
CMY	0.1725, 0.7882, 0.8627
CMYK	0.00, 0.74, 0.83, 0.17
HSL	6°, 72%, 48%
HSV	6°, 83%, 83%
XYZ	28.4865, 16.6086, 3.2945
YIQ	98.7770, 99.6710, 27.3750

Conversions

Conversions Part 2

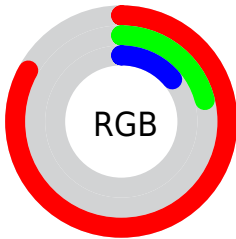
Format	Color
RYB	211, 56, 35
Decimal	13841955
CIELab	47.76, 59.77, 47.61
CIElCh	48, 76.416, 38.543
Yxy	16.6086, 0.5887, 0.3432
Android (android.graphics.Color)	4292032035 (0xFFD33623)
YUV	98.7770, -31.4421, 98.4196
Hunter-Lab	40.7536, 53.4515, 23.7346

Details

The Hex color **D33623** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **23C0D3**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7052**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D3230E**, and if you desaturate by 10%, it is **D34938**.

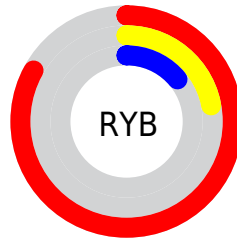
Distribution



Red (83%)

Green (21%)

Blue (14%)



Red (83%)

Yellow (22%)

Blue (14%)

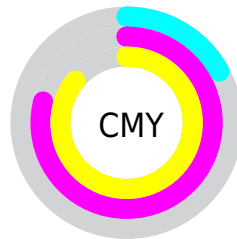


Cyan (0%)

Magenta (74%)

Yellow (83%)

Black (17%)



Cyan (17%)

Magenta (79%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33623 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 D33623 by changing the saturation by 10% instead.

 D33623

 D33623

FFFFFF

 B30F0B

 FF7052

 940000

 FF8C6B

 740000

 FFA985

 550000

 FFC5A0

 3A0002

 FFE3BB

 110000

 FFFFD7

 000000

 FFFFF3

 D33623

 D33623

 D3230E

 D34938

 D31700

 D35C4D

 D36E62

 D38177

 D3948D

 D3A7A2

 D3BAB7

 D3CDCC

 D3DFE1

Harmonies

Analogous

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



DF0062



D33623



AE5C00

Triad

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



D33623



008A3F



0074F3

Complementary

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



D33623



23C0D3

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.



0085EA



D33623



008C83

Square

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



D33623



2C8300



008CC1



8656D8

Rectangle

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



D33623



8D6E00



008CC1



007BF4

Sweetspot

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



D33623



FFC6BF



D323C1



805D59



000000



808080

Same Dimension

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



D33623



FF1C00



D38D23



695F5E



A81200



290400

Inverse Universe

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



23C0D3



00E3FF



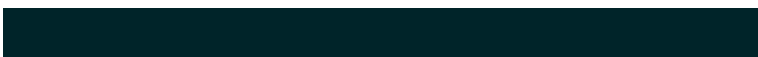
2369D3



5E6769



0096A8



002429

Previews

White Background



This preview shows how the Hex color D33623 looks on a white background.

Color Contrast Check

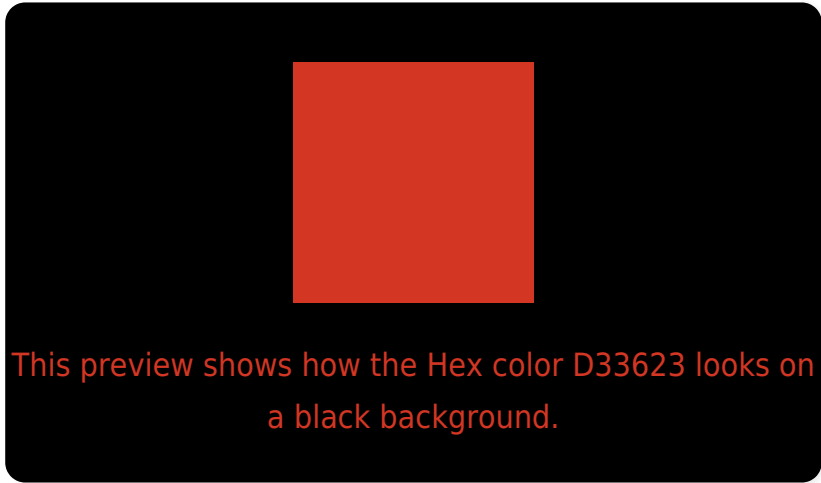
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33623 Background



This preview shows how black text looks on a background with the Hex color D33623.



This preview shows how white text looks on a background with the Hex color D33623.

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
D33623

Protanopia
7F7233

Deuteranopia
906C0F

Trichromacy



Original Color
D33623

Protanomaly
9E5C2D

Deuteranomaly
A85816

Tritanomaly
D3352E

Monochromacy



Original Color
D33623

Achromatopsia
636363

Achromatomaly
8C534C

CSS Examples

Text

The CSS property to change the color of the text to Hex D33623 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 #D33623 looks like.

```
.text, #text, p{  
    color:#D33623  
}
```

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 #D33623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33623
}
```

Border

The CSS property to change the border of an element to Hex D33623 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
#D33623 }
```

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

```
.border{ border-color:#D33623 }
```

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

Here you see how a box with a 4 pixel #D33623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33623; -webkit-box-shadow:4px 4px  
4px 4px #D33623; box-shadow:4px 4px 4px  
4px #D33623 }
```

Background

The CSS property to change the background color of an element to Hex D33623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33623 }
```

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

```
.background{ background-color:#D33623 }
```

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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