

Converting Colors

Hex(D23816)

Have a look what the booklet for
Hex(D23816) contains.

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Color

Hex(D23816)

Conversions

Conversions Part 1

Format	Color
Hex	D23816
RGB	210, 56, 22
RGB Percent	82%, 22%, 9%
CMY	0.1765, 0.7804, 0.9137
CMYK	0.00, 0.73, 0.90, 0.18
HSL	11°, 81%, 45%
HSV	11°, 90%, 82%
XYZ	28.1373, 16.5879, 2.4778
YIQ	98.1700, 102.6980, 22.0740

Conversions

Conversions Part 2

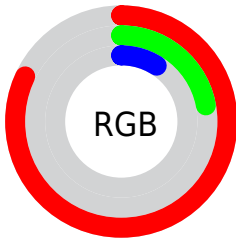
Format	Color
R_{YB}	210, 64, 22
Decimal	13776918
CIE _{Lab}	47.74, 58.51, 53.21
CIE _{LCh}	48, 79.089, 42.287
Yxy	16.5879, 0.5961, 0.3514
Android (android.graphics.Color)	4291966998 (0xFFD23816)
YUV	98.1700, -37.5518, 98.0749
Hunter-Lab	40.7283, 52.0432, 24.9027

Details

The Hex color **D23816** 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 **16B0D2**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF7147**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D22701**, and if you desaturate by 10%, it is **D2492B**.

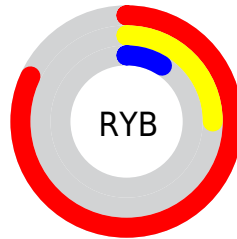
Distribution



Red (82%)

Green (22%)

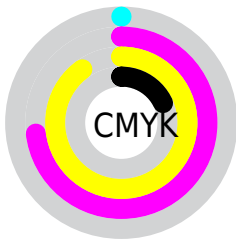
Blue (9%)



Red (82%)

Yellow (25%)

Blue (9%)

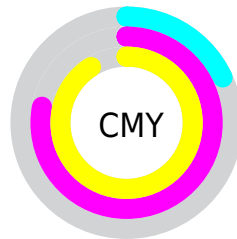


Cyan (0%)

Magenta (73%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D23816 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 D23816 by changing the saturation by 10% instead.

 D23816

 D23816

FFFFFF

 B21400

 FF7147

 920000

 FF8D60

 730000

 FFAA7A

 540000

 FFC694

 380002

 FFE4AF

 0E0000

 FFFFCB

 000000

 FFFFEE

 D23816

 D23816

 D22701

 D2492B

 D22600

 D25A40

 D26C55

 D27D6A

 D28E7F

 D29F94

 D2B0A9

 D2C2BE

 D2D3D3

Harmonies

Analogous

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



E30059



D23816



AA5F00

Triad

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



D23816



008B46



0071F6

Complementary

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



D23816



16B0D2

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.



0084F2



D23816



008D8C

Square

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



D23816



0C8400



008CCB



934FD5

Rectangle

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



D23816



867100



008CCB



0079F9

Sweetspot

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



D23816



FFC7BA



D216B3



805E57



000000



808080

Same Dimension

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



D23816



FF2E00



D29316



69605E



A81E00



290700

Inverse Universe

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



16B0D2



00D1FF



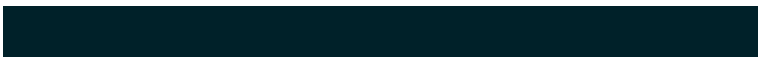
1655D2



5E6769



008AA8



002129

Previews

White Background



This preview shows how the Hex color D23816 looks on a white background.

Color Contrast Check

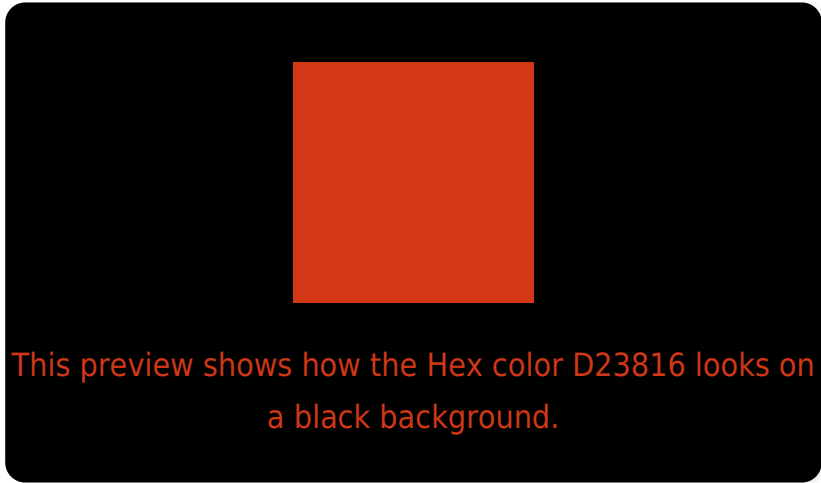
Large Text (above 18pt) WCAG AA ✓ Pass

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 D23816 Background



This preview shows how black text looks on a background with the Hex color D23816.



This preview shows how white text looks on a background with the Hex color D23816.

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
D23816

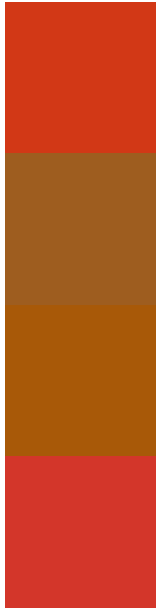
Protanopia
807224

Deuteranopia
906C00



Tritanopia
D33536

Trichromacy



Original Color
D23816

Protanomaly
9E5D1F

Deuteranomaly
A85908

Tritanomaly
D3362A

Monochromacy



Original Color
D23816

Achromatopsia
626262

Achromatomaly
8B5346

CSS Examples

Text

The CSS property to change the color of the text to Hex D23816 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 #D23816 looks like.

```
.text, #text, p{  
    color:#D23816  
}
```

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 #D23816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D23816
}
```

Border

The CSS property to change the border of an element to Hex D23816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

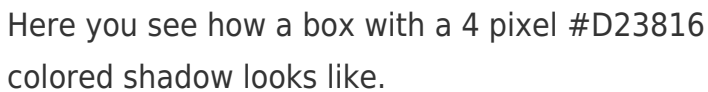
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D23816 }
```

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

```
.border{ border-color:#D23816 }
```

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



Here you see how a box with a 4 pixel #D23816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D23816; -webkit-box-shadow:4px 4px  
4px 4px #D23816; box-shadow:4px 4px 4px  
4px #D23816 }
```

Background

The CSS property to change the background color of an element to Hex D23816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D23816 }
```

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

```
.background{ background-color:#D23816 }
```

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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