

Converting Colors

Hex(DC3816)

Have a look what the booklet for
Hex(DC3816) contains.

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Color

Hex(DC3816)

Conversions

Conversions Part 1

Format	Color
Hex	DC3816
RGB	220, 56, 22
RGB Percent	86%, 22%, 9%
CMY	0.1373, 0.7804, 0.9137
CMYK	0.00, 0.75, 0.90, 0.14
HSL	10°, 82%, 47%
HSV	10°, 90%, 86%
XYZ	31.0742, 18.1019, 2.6153
YIQ	101.1600, 108.6580, 24.1940

Conversions

Conversions Part 2

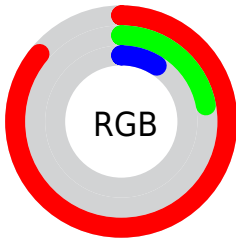
Format	Color
R_{YB}	220, 63, 22
Decimal	14432278
CIE _{Lab}	49.62, 61.61, 55.43
CIE _{LCh}	50, 82.873, 41.980
Yxy	18.1019, 0.6000, 0.3495
Android (android.graphics.Color)	4292622358 (0xFFDC3816)
YUV	101.1600, -39.0259, 104.2227
Hunter-Lab	42.5463, 55.9133, 26.1379

Details

The Hex color **DC3816** 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 **16BADC**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7348**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DC2600**, and if you desaturate by 10%, it is **DC4A2C**.

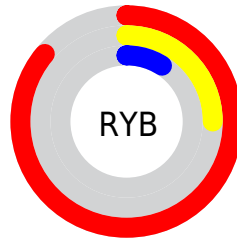
Distribution



Red (86%)

Green (22%)

Blue (9%)



Red (86%)

Yellow (25%)

Blue (9%)

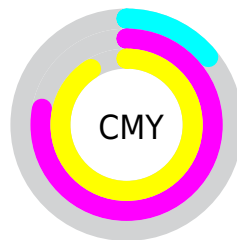


Cyan (0%)

Magenta (75%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC3816 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 DC3816 by changing the saturation by 10% instead.

 DC3816

 DC3816

FFFFFF

 BC1100

 FF7348

 9C0000

 FF8F61

 7C0000

 FFAC7B

 5D0000

 FFC895

 410003

 FFE6B0

 1E0001

 FFFFCC

 000000

 FFFFEE9

 DC3816

 DC3816

■ DC2600

■ DC4A2C

■ DC5C42

■ DC6F58

■ DC816E

■ DC9384

■ DCA59A

■ DCB8B0

■ DCCAC6

■ DCDCDC

Harmonies

Analogous

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



ED005D



DC3816



B26300

Triad

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



DC3816



009047



0076FF

Complementary

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



DC3816



16BADC

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.



008AFE



DC3816



009391

Square

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



DC3816



078A00



0092D4



9852E0

Rectangle

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



DC3816



8C7500



0092D4



007EFF

Sweetspot

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



DC3816



FFC6BA



DC16BB



805E57



000000



808080

Same Dimension

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



DC3816



FF2C00



DC9A16



6E6563



AD1E00



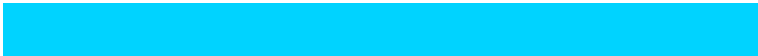
2E0800

Inverse Universe

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



16BADC



00D3FF



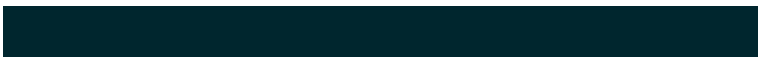
1658DC



636C6E



0090AD



00262E

Previews

White Background



This preview shows how the Hex color DC3816 looks on a white background.

Color Contrast Check

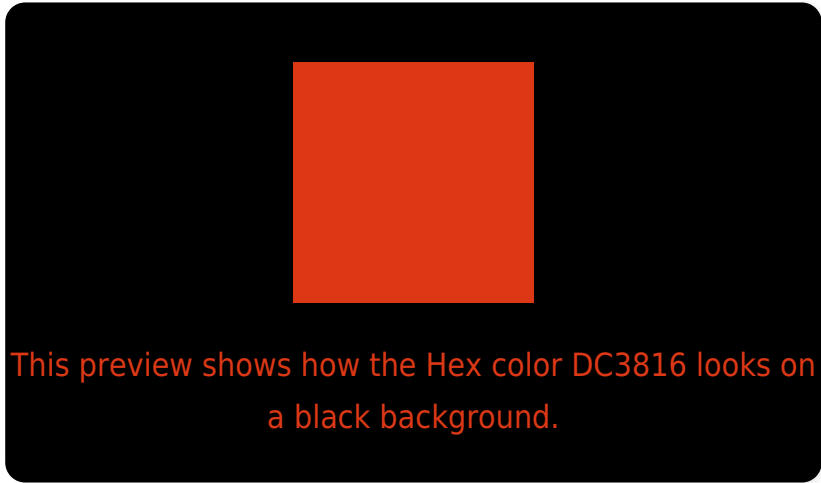
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC3816 Background



This preview shows how black text looks on a background with the Hex color DC3816.



This preview shows how white text looks on a background with the Hex color DC3816.

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

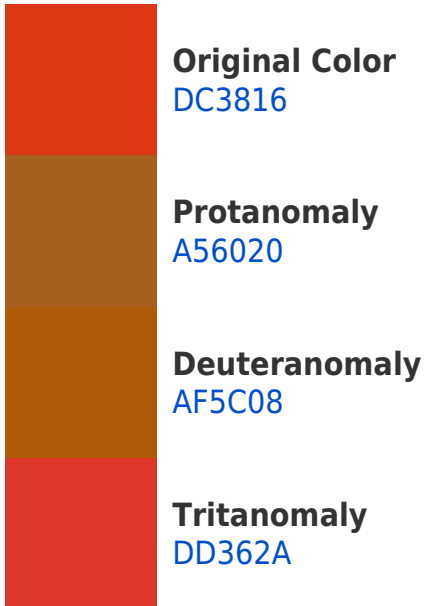


Original Color
DC3816

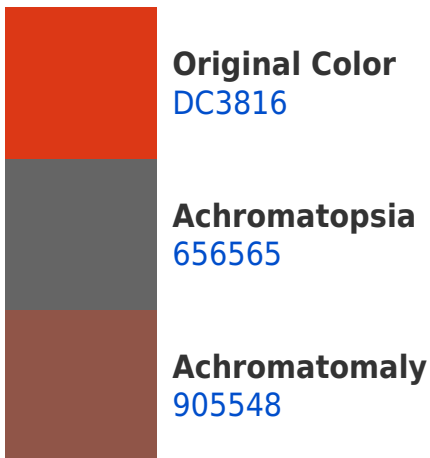
Protanopia
857725

Deuteranopia
967100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC3816 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 #DC3816 looks like.

```
.text, #text, p{  
    color:#DC3816  
}
```

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 #DC3816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3816
}
```

Border

The CSS property to change the border of an element to Hex DC3816 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".

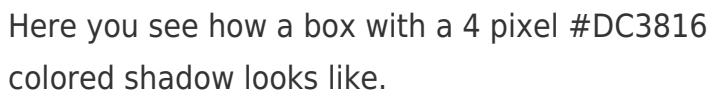
```
.border, #border, table{ border:4px solid
#DC3816 }
```

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

```
.border{ border-color:#DC3816 }
```

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

Here you see how a box with a 4 pixel #DC3816 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3816; -webkit-box-shadow:4px 4px  
4px 4px #DC3816; box-shadow:4px 4px 4px  
4px #DC3816 }
```

Background

The CSS property to change the background color of an element to Hex DC3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3816 }
```

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

```
.background{ background-color:#DC3816 }
```

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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