

Converting Colors

Hex(D36A2C)

Have a look what the booklet for
Hex(D36A2C) contains.

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Color

Hex(D36A2C)

Conversions

Conversions Part 1

Format	Color
Hex	D36A2C
RGB	211, 106, 44
RGB Percent	83%, 42%, 17%
CMY	0.1725, 0.5843, 0.8275
CMYK	0.00, 0.50, 0.79, 0.17
HSL	22°, 65%, 50%
HSV	22°, 79%, 83%
XYZ	32.4726, 24.3388, 5.3692
YIQ	130.3270, 82.4820, 2.9780

Conversions

Conversions Part 2

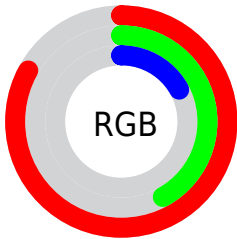
Format	Color
RYB	211, 143, 44
Decimal	13855276
CIELab	56.43, 37.36, 51.53
CIElCh	56, 63.649, 54.057
Yxy	24.3388, 0.5222, 0.3914
Android (android.graphics.Color)	4292045356 (0xFFD36A2C)
YUV	130.3270, -42.5592, 70.7502
Hunter-Lab	49.3344, 31.1562, 28.0813

Details

The Hex color **D36A2C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2C95D3**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9F5E**, and **963800** is the 20% darker color. If you saturate the color by 10%, you get **D35D17**, and if you desaturate by 10%, it is **D37741**.

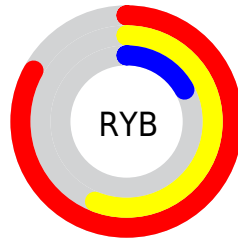
Distribution



Red (83%)

Green (42%)

Blue (17%)



Red (83%)

Yellow (56%)

Blue (17%)

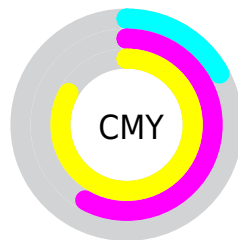


Cyan (0%)

Magenta (50%)

Yellow (79%)

Black (17%)



Cyan (17%)

Magenta (58%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D36A2C 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 D36A2C by changing the saturation by 10% instead.

 D36A2C

 D36A2C

FFFFFF

 B45111

 FF9F5E

 963800

 FFBA78

 781E00

 FFD792

 5A0000

 FFF3AE

 3E0000

 FFFFC9

 240001

 FFFFE6

 000000

 D36A2C

 D36A2C

 D35D17

 D37741

 D34F02

 D38556

 D34E00

 D3926B

 D39F80

 D3AC96

 D3BAAB

 D3C7C0

 D3D4D5

 D3E1EA

Harmonies

Analogous

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



E9545E



D36A2C



AB8100

Triad

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



D36A2C



00A07A



707DED

Complementary

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



D36A2C



2C95D3

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.



0091F6



D36A2C



00A1B3

Square

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



D36A2C



239B42



009CE0



BF64C9

Rectangle

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



D36A2C



8A8D00



009CE0



4085F3

Sweetspot

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



D36A2C



FFD9C2



D32C96



80685B



000000



808080

Same Dimension

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



D36A2C



FF670D



D3BD2C



69625E



A83E00



290F00

Inverse Universe

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



2C95D3



0DA5FF



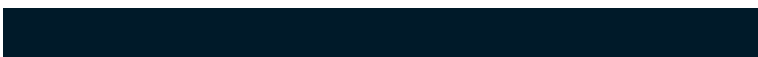
2C42D3



5E6569



006AA8



001A29

Previews

White Background



This preview shows how the Hex color D36A2C looks on a white background.

Color Contrast Check

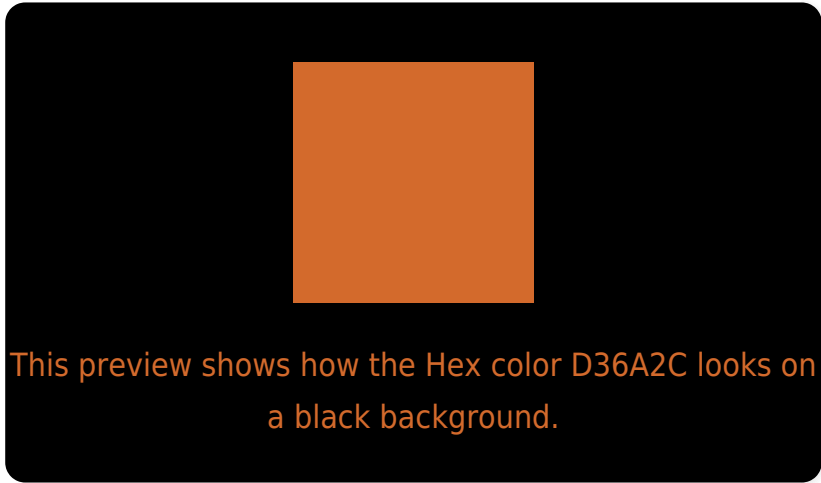
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

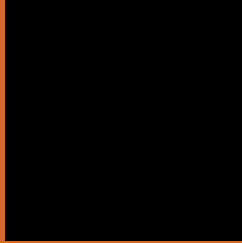
Any Text WCAG AA ✓ Pass

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 D36A2C Background



This preview shows how black text looks on a background with the Hex color D36A2C.



This preview shows how white text looks on a background with the Hex color D36A2C.

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
D36A2C

Protanopia
988834

Deuteranopia
AB8124



Tritanopia
D6646A

Trichromacy



Original Color
D36A2C

Protanomaly
AD7D31

Deuteranomaly
BA7927

Tritanomaly
D56653

Monochromacy



Original Color
D36A2C

Achromatopsia
828282

Achromatomaly
9F7963

CSS Examples

Text

The CSS property to change the color of the text to Hex D36A2C 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 #D36A2C looks like.

```
.text, #text, p{  
    color:#D36A2C  
}
```

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 #D36A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36A2C
}
```

Border

The CSS property to change the border of an element to Hex D36A2C 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
#D36A2C }
```

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

```
.border{ border-color:#D36A2C }
```

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

Here you see how a box with a 4 pixel #D36A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36A2C; -webkit-box-shadow:4px 4px  
4px 4px #D36A2C; box-shadow:4px 4px 4px  
4px #D36A2C }
```

Background

The CSS property to change the background color of an element to Hex D36A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36A2C }
```

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

```
.background{ background-color:#D36A2C }
```

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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