

Converting Colors

Hex(D36A49)

Have a look what the booklet for
Hex(D36A49) contains.

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Color

Hex(D36A49)

Conversions

Conversions Part 1

Format	Color
Hex	D36A49
RGB	211, 106, 73
RGB Percent	83%, 42%, 29%
CMY	0.1725, 0.5843, 0.7137
CMYK	0.00, 0.50, 0.65, 0.17
HSL	14°, 61%, 56%
HSV	14°, 65%, 83%
XYZ	33.2206, 24.6380, 9.3080
YIQ	133.6330, 73.1730, 11.9970

Conversions

Conversions Part 2

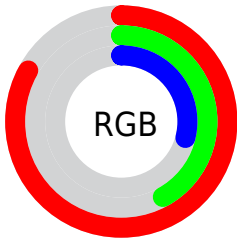
Format	Color
R_{YB}	211, 116, 73
Decimal	13855305
CIE Lab	56.72, 38.75, 37.28
CIE LCh	57, 53.770, 43.890
Yxy	24.6380, 0.4946, 0.3668
Android (android.graphics.Color)	4292045385 (0xFFD36A49)
YUV	133.6330, -29.8921, 67.8509
Hunter-Lab	49.6367, 32.6015, 23.6274

Details

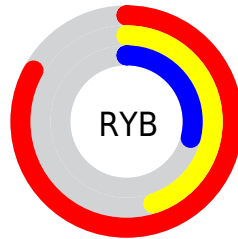
The Hex color **D36A49** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **49B2D3**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9F7B**, and **97371B** is the 20% darker color. If you saturate the color by 10%, you get **D35A34**, and if you desaturate by 10%, it is **D37A5E**.

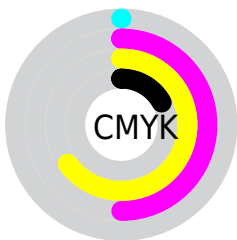
Distribution



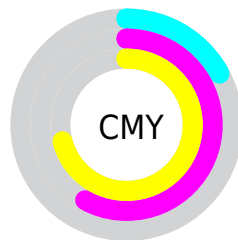
- Red (83%)
- Green (42%)
- Blue (29%)



- Red (83%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (65%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D36A49 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 D36A49 by changing the saturation by 10% instead.

 D36A49

 D36A49

FFFFFF

 B55032

 FF9F7B

 97371B

 FFBB95

 7A1D03

 FFD7B0

 5D0000

 FFF4CB

 400000

 FFFFFE7

 260001

 000000

 D36A49

 D36A49

 D35A34

 D37A5E

 D34A1F

 D38A73

 D33A0A

 D39A88

 D33200

 D3AA9D

 D3BAB2

 D3CAC8

 D3DADD

 D3EAF2

 D3FAFF

Harmonies

Analogous

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



DE5D74



D36A49



B67D29

Triad

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



D36A49



009D6C



5886E3

Complementary

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



D36A49



49B2D3

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.



0094E2



D36A49



009F9D

Square

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



D36A49



579741



009CC8



A772CC

Rectangle

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



D36A49



9B8821



009CC8



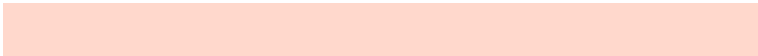
248BE6

Sweetspot

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



D36A49



FFD8CC



D349B3



806861



000000



808080

Same Dimension

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



D36A49



FF6838



D3AE49



69615E



A82800



290A00

Inverse Universe

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



49B2D3



38CFFF



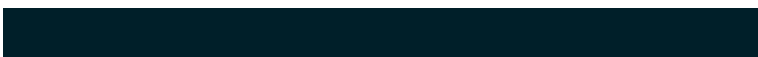
496ED3



5E6669



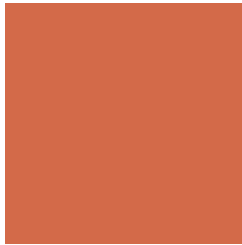
0080A8



001F29

Previews

White Background



This preview shows how the Hex color D36A49 looks on a white background.

Color Contrast Check

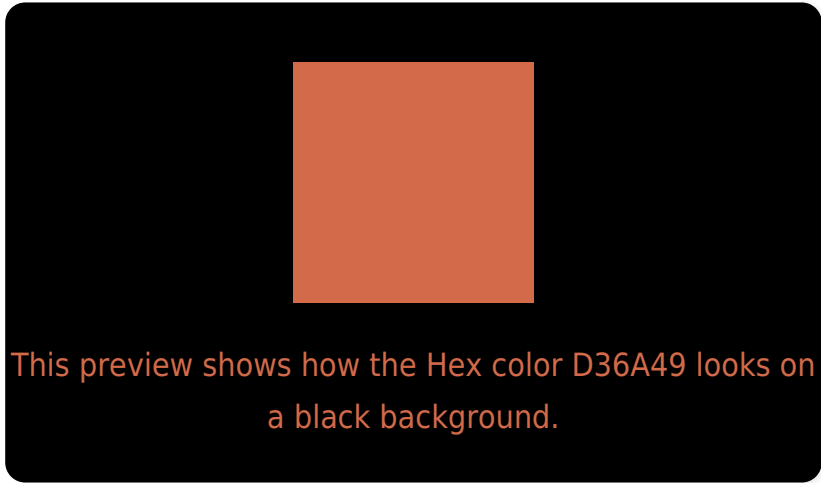
Large Text (above 18pt) WCAG AA ✓ Pass

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

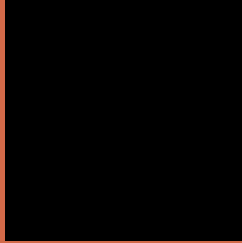
Any Text WCAG AA ✓ Pass

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 D36A49 Background



This preview shows how black text looks on a background with the Hex color D36A49.




This preview shows how white text looks on a background with the Hex color D36A49.

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





Tritanopia
D5656D

Trichromacy



Original Color
D36A49

Protanomaly
AC7E50

Deuteranomaly
B87946

Tritanomaly
D46760

Monochromacy



Original Color
D36A49

Achromatopsia
868686

Achromatomaly
A27C70

CSS Examples

Text

The CSS property to change the color of the text to Hex D36A49 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 #D36A49 looks like.

```
.text, #text, p{  
    color:#D36A49  
}
```

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 #D36A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36A49
}
```

Border

The CSS property to change the border of an element to Hex D36A49 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
#D36A49 }
```

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

```
.border{ border-color:#D36A49 }
```

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

Here you see how a box with a 4 pixel #D36A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36A49; -webkit-box-shadow:4px 4px  
4px 4px #D36A49; box-shadow:4px 4px 4px  
4px #D36A49 }
```

Background

The CSS property to change the background color of an element to Hex D36A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36A49 }
```

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

```
.background{ background-color:#D36A49 }
```

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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