

Converting Colors

Hex(D36B35)

Have a look what the booklet for
Hex(D36B35) contains.

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Color

Hex(D36B35)

Conversions

Conversions Part 1

Format	Color
Hex	D36B35
RGB	211, 107, 53
RGB Percent	83%, 42%, 21%
CMY	0.1725, 0.5804, 0.7922
CMYK	0.00, 0.49, 0.75, 0.17
HSL	21°, 64%, 52%
HSV	21°, 75%, 83%
XYZ	32.7643, 24.6213, 6.3937
YIQ	131.9400, 79.3180, 5.2540

Conversions

Conversions Part 2

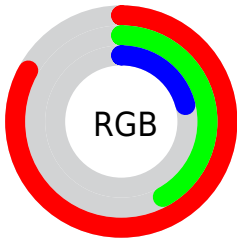
Format	Color
R_{YB}	211, 135, 53
Decimal	13855541
CIE _{Lab}	56.70, 37.20, 47.62
CIE _{LCh}	57, 60.425, 52.000
Yxy	24.6213, 0.5137, 0.3860
Android (android.graphics.Color)	4292045621 (0xFFD36B35)
YUV	131.9400, -38.9174, 69.3356
Hunter-Lab	49.6199, 31.0297, 27.0942

Details

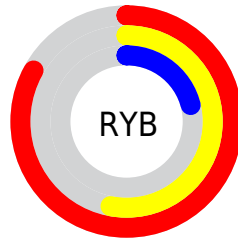
The Hex color **D36B35** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **359DD3**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA067**, and **963901** is the 20% darker color. If you saturate the color by 10%, you get **D35D20**, and if you desaturate by 10%, it is **D3794A**.

Distribution



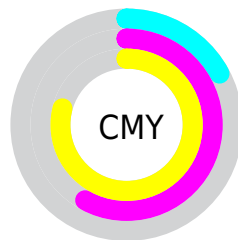
- Red (83%)
- Green (42%)
- Blue (21%)



- Red (83%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D36B35 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 D36B35 by changing the saturation by 10% instead.

 D36B35

 D36B35

FFFFFF

 B4521C

 FFA067

 963901

 FFBC80

 791F00

 FFD89B

 5B0100

 FFF4B6

 3F0000

 FFFFD2

 250001

 FFFFEF

 000000

 D36B35

 D36B35

 D35D20

 D3794A

 D34F0B

 D3875F

 D34800

 D39574

 D3A389

 D3B09F

 D3BEB4

 D3CCC9

 D3DADE

 D3E8F3

Harmonies

Analogous

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



E65864



D36B35



AE810E

Triad

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



D36B35



00A078



6D80EA

Complementary

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



D36B35



359DD3

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.



0092F0



D36B35



00A1AE

Square

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



D36B35



379B43



009DDA



BA68CA

Rectangle

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



D36B35



8E8C0A



009DDA



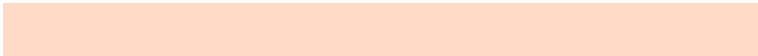
3E87F0

Sweetspot

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



D36B35



FFDAC7



D3359E



806A5E



000000



808080

Same Dimension

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



D36B35



FF6819



D3B935



69625E



A83A00



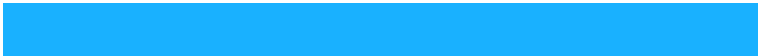
290E00

Inverse Universe

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



359DD3



19B1FF



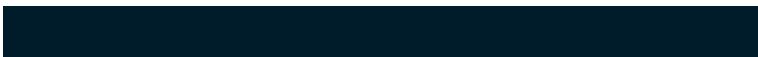
354FD3



5E6569



006FA8



001B29

Previews

White Background



This preview shows how the Hex color D36B35 looks on a white background.

Color Contrast Check

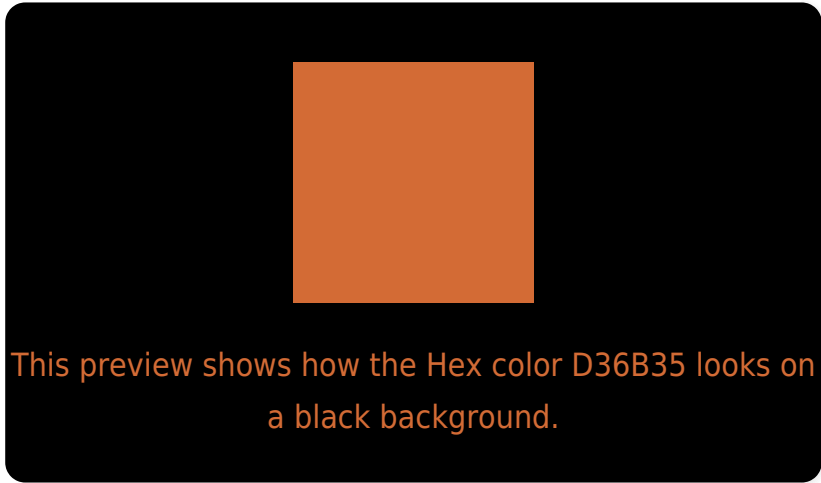
Large Text (above 18pt) WCAG AA ✓ Pass

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

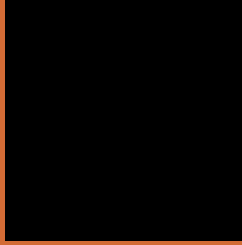
Any Text WCAG AA ✓ Pass

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 D36B35 Background



This preview shows how black text looks on a background with the Hex color D36B35.




This preview shows how white text looks on a background with the Hex color D36B35.

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
D6656C

Trichromacy



Original Color
D36B35

Protanomaly
AD7E3B

Deuteranomaly
BA7A31

Tritanomaly
D56758

Monochromacy



Original Color
D36B35

Achromatopsia
848484

Achromatomaly
A17B67

CSS Examples

Text

The CSS property to change the color of the text to Hex D36B35 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 #D36B35 looks like.

```
.text, #text, p{  
    color:#D36B35  
}
```

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 #D36B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36B35  
}
```

Border

The CSS property to change the border of an element to Hex D36B35 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  
#D36B35 }
```

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

```
.border{ border-color:#D36B35 }
```

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

Here you see how a box with a 4 pixel #D36B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36B35; -webkit-box-shadow:4px 4px  
4px 4px #D36B35; box-shadow:4px 4px 4px  
4px #D36B35 }
```

Background

The CSS property to change the background color of an element to Hex D36B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36B35 }
```

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

```
.background{ background-color:#D36B35 }
```

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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