

Converting Colors

Hex(D36134)

Have a look what the booklet for
Hex(D36134) contains.

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Color

Hex(D36134)

Conversions

Conversions Part 1

Format	Color
Hex	D36134
RGB	211, 97, 52
RGB Percent	83%, 38%, 20%
CMY	0.1725, 0.6196, 0.7961
CMYK	0.00, 0.54, 0.75, 0.17
HSL	17°, 64%, 52%
HSV	17°, 75%, 83%
XYZ	31.7585, 22.6462, 5.9461
YIQ	125.9560, 82.3890, 10.1730

Conversions

Conversions Part 2

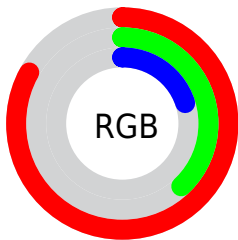
Format	Color
RYB	211, 115, 52
Decimal	13852980
CIELab	54.71, 42.19, 46.03
CIElCh	55, 62.439, 47.491
Yxy	22.6462, 0.5262, 0.3752
Android (android.graphics.Color)	4292043060 (0xFFD36134)
YUV	125.9560, -36.4603, 74.5836
Hunter-Lab	47.5880, 35.8453, 25.9034

Details

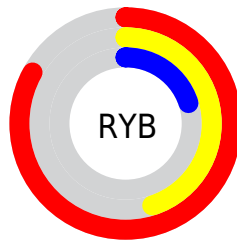
The Hex color **D36134** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **34A6D3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9665**, and **962D02** is the 20% darker color. If you saturate the color by 10%, you get **D3521F**, and if you desaturate by 10%, it is **D37049**.

Distribution



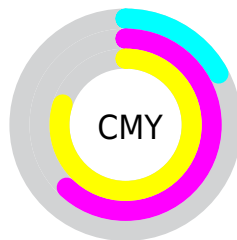
- Red (83%)
- Green (38%)
- Blue (20%)



- Red (83%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (54%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D36134 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 D36134 by changing the saturation by 10% instead.

 D36134

 D36134

FFFFFF

 B4471C

 FF9665

 962D02

 FFB27F

 781000

 FFCE99

 5A0000

 FFEAB4

 3E0000

 FFFFD0

 210001

 FFFFED

 000000

 D36134

 D36134

 D3521F

 D37049

 D3430A

 D37F5E

 D33C00

 D38E73

 D39E88

 D3AD9D

 D3BCB3

 D3CBC8

 D3DADD

 D3E9F2

Harmonies

Analogous

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



E34D66



D36134



AF7800

Triad

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



D36134



009A6A



507EEB

Complementary

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



D36134



34A6D3

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.



0090ED



D36134



009CA2

Square

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



D36134



3B9534



0099D2



AD66CD

Rectangle

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



D36134



908500



0099D2



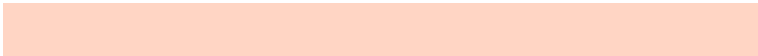
0085EF

Sweetspot

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



D36134



FFD5C4



D334A9



80665C



000000



808080

Same Dimension

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



D36134



FF5A19



D3AE34



69615E



A83000



290C00

Inverse Universe

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



34A6D3



19BEFF



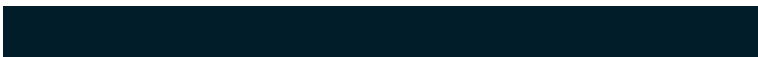
3459D3



5E6669



0079A8



001D29

Previews

White Background



This preview shows how the Hex color D36134 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

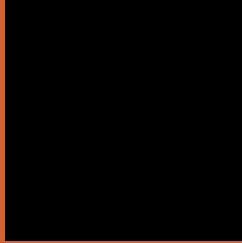
Any Text WCAG AA ✓ Pass

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 D36134 Background



This preview shows how black text looks on a background with the Hex color D36134.



This preview shows how white text looks on a background with the Hex color D36134.

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
D36134

Protanopia
92843E

Deuteranopia
A47D2D



Tritanopia
D55C62

Trichromacy



Original Color
D36134

Protanomaly
AA773A

Deuteranomaly
B57330

Tritanomaly
D45E51

Monochromacy



Original Color
D36134

Achromatopsia
7E7E7E

Achromatomaly
9D7363

CSS Examples

Text

The CSS property to change the color of the text to Hex D36134 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 #D36134 looks like.

```
.text, #text, p{  
    color:#D36134  
}
```

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 #D36134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36134
}
```

Border

The CSS property to change the border of an element to Hex D36134 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
#D36134 }
```

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

```
.border{ border-color:#D36134 }
```

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

Here you see how a box with a 4 pixel #D36134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36134; -webkit-box-shadow:4px 4px  
4px 4px #D36134; box-shadow:4px 4px 4px  
4px #D36134 }
```

Background

The CSS property to change the background color of an element to Hex D36134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36134 }
```

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

```
.background{ background-color:#D36134 }
```

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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