

Converting Colors

Hex(D35F38)

Have a look what the booklet for
Hex(D35F38) contains.

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Color

Hex(D35F38)

Conversions

Conversions Part 1

Format	Color
Hex	D35F38
RGB	211, 95, 56
RGB Percent	83%, 37%, 22%
CMY	0.1725, 0.6275, 0.7804
CMYK	0.00, 0.55, 0.73, 0.17
HSL	15°, 64%, 52%
HSV	15°, 73%, 83%
XYZ	31.6700, 22.3188, 6.3802
YIQ	125.2380, 81.6550, 12.4630

Conversions

Conversions Part 2

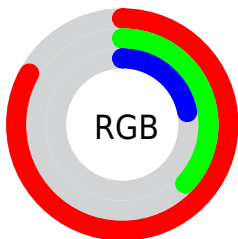
Format	Color
R_{YB}	211, 108, 56
Decimal	13852472
CIE _{Lab}	54.36, 43.34, 43.63
CIE _{LCh}	54, 61.504, 45.192
Yxy	22.3188, 0.5246, 0.3697
Android (android.graphics.Color)	4292042552 (0xFFD35F38)
YUV	125.2380, -34.1343, 75.2133
Hunter-Lab	47.2428, 36.9855, 25.0628

Details

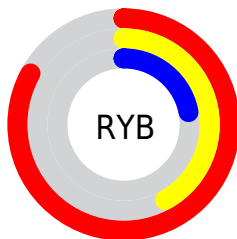
The Hex color **D35F38** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **38ACD3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9469**, and **962B08** is the 20% darker color. If you saturate the color by 10%, you get **D34F23**, and if you desaturate by 10%, it is **D36F4D**.

Distribution



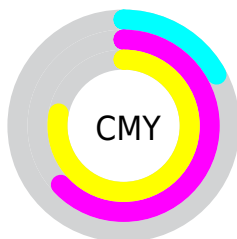
- Red (83%)
- Green (37%)
- Blue (22%)



- Red (83%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)
- Black (17%)



- Cyan (17%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D35F38 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 D35F38 by changing the saturation by 10% instead.

 D35F38

 D35F38

FFFFFF

 B44521

 FF9469

 962B08

 FFB083

 780B00

 FFCC9D

 5A0000

 FFE9B8

 3E0000

 FFFFD4

 210001

 FFFFF1

 000000

 D35F38

 D35F38

 D34F23

 D36F4D

 D33F0E

 D37F62

 D33500

 D38E77

 D39E8C

 D3AEA2

 D3BEB7

 D3CECC

 D3DDE1

 D3EDF6

Harmonies

Analogous

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



E14D69



D35F38



B17607

Triad

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



D35F38



009965



457FE9

Complementary

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



D35F38



38ACD3

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.



0090E9



D35F38



009B9C

Square

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



D35F38



439330



0098CD



A667CE

Rectangle

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



D35F38



938300



0098CD



0085EC

Sweetspot

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



D35F38



FFD5C7



D338AC



80675E



000000



808080

Same Dimension

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



D35F38



FF571F



D3AC38



69615E



A82A00



290A00

Inverse Universe

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



38ACD3



1FC7FF



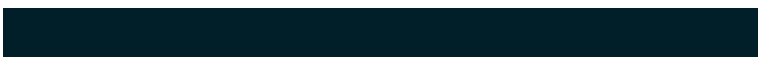
385FD3



5E6669



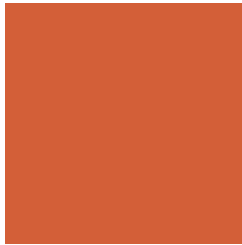
007EA8



001F29

Previews

White Background



This preview shows how the Hex color D35F38 looks on a white background.

Color Contrast Check

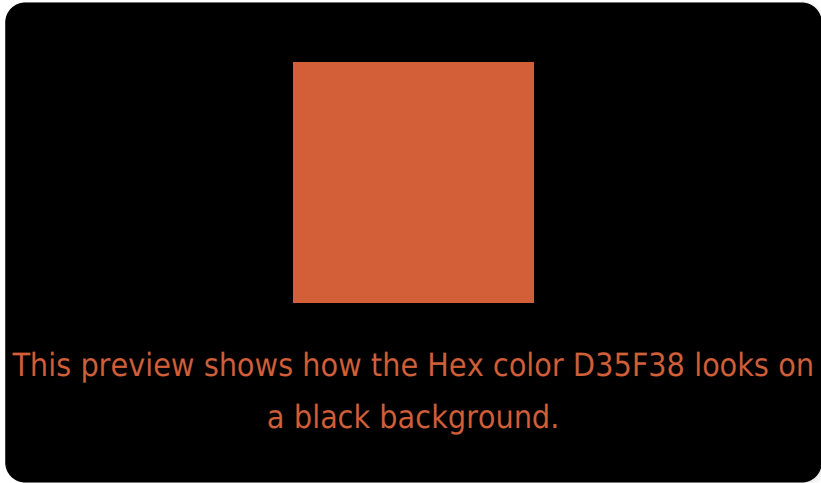
Large Text (above 18pt) WCAG AA ✓ Pass

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

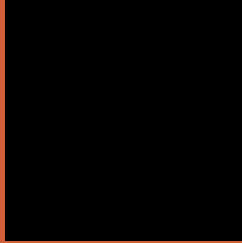
Any Text WCAG AA ✓ Pass

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 D35F38 Background



This preview shows how black text looks on a background with the Hex color D35F38.



This preview shows how white text looks on a background with the Hex color D35F38.

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
D35F38

Protanopia
908343

Deuteranopia
A37C31



Tritanopia
D55A60

Trichromacy



Original Color
D35F38

Protanomaly
A8763F

Deuteranomaly
B47134

Tritanomaly
D45C51

Monochromacy



Original Color
D35F38

Achromatopsia
7D7D7D

Achromatomaly
9C7264

CSS Examples

Text

The CSS property to change the color of the text to Hex D35F38 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 #D35F38 looks like.

```
.text, #text, p{  
    color:#D35F38  
}
```

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 #D35F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D35F38
}
```

Border

The CSS property to change the border of an element to Hex D35F38 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
#D35F38 }
```

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

```
.border{ border-color:#D35F38 }
```

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

Here you see how a box with a 4 pixel #D35F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D35F38; -webkit-box-shadow:4px 4px  
4px 4px #D35F38; box-shadow:4px 4px 4px  
4px #D35F38 }
```

Background

The CSS property to change the background color of an element to Hex D35F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D35F38 }
```

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

```
.background{ background-color:#D35F38 }
```

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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