

Converting Colors

Hex(D86F3C)

Have a look what the booklet for
Hex(D86F3C) contains.

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Color

Hex(D86F3C)

Conversions

Conversions Part 1

Format	Color
Hex	D86F3C
RGB	216, 111, 60
RGB Percent	85%, 44%, 24%
CMY	0.1529, 0.5647, 0.7647
CMYK	0.00, 0.49, 0.72, 0.15
HSL	20°, 67%, 54%
HSV	20°, 72%, 85%
XYZ	34.8190, 26.2941, 7.5151
YIQ	136.5810, 78.9510, 6.3990

Conversions

Conversions Part 2

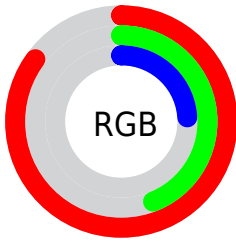
Format	Color
R_{YB}	216, 136, 60
Decimal	14184252
CIE _{Lab}	58.32, 37.44, 46.09
CIE _{LCh}	58, 59.380, 50.913
Yxy	26.2941, 0.5074, 0.3831
Android (android.graphics.Color)	4292374332 (0xFFD86F3C)
YUV	136.5810, -37.7544, 69.6505
Hunter-Lab	51.2777, 31.4703, 27.2051

Details

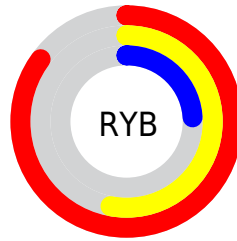
The Hex color **D86F3C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3CA5D8**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA46E**, and **9B3C0A** is the 20% darker color. If you saturate the color by 10%, you get **D86026**, and if you desaturate by 10%, it is **D87E52**.

Distribution



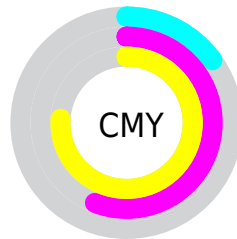
- Red (85%)
- Green (44%)
- Blue (24%)



- Red (85%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (49%)
- Yellow (72%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86F3C 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 D86F3C by changing the saturation by 10% instead.

 D86F3C

 D86F3C

FFFFFF

 B95524

 FFA46E

 9B3C0A

 FFC088

 7E2300

 FFDCA2

 600500

 FFF9BE

 430000

 FFFFDA

 2B0001

 FFFFF7

 000000

 D86F3C

 D86F3C

 D86026

 D87E52

 D85211

 D88C67

 D84700

 D89B7D

 D8A992

 D8B8A8

 D8C6BE

 D8D5D3

 D8E3E9

 D8F2FE

Harmonies

Analogous

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



EA5D6A



D86F3C



B48419

Triad

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



D86F3C



00A47A



6E85EE

Complementary

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



D86F3C



3CA5D8

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.



0097F3



D86F3C



00A5B0

Square

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



D86F3C



419F47



00A1DC



BC6ECE

Rectangle

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



D86F3C



959016



00A1DC



428CF3

Sweetspot

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



D86F3C



FFD9C7



D83CA7



80695E



000000



808080

Same Dimension

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



D86F3C



FF6A21



D8BB3C



6B6460



AB3800



2B0E00

Inverse Universe

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



3CA5D8



21B6FF



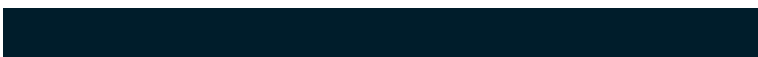
3C59D8



60686B



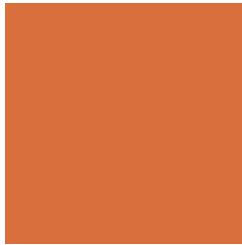
0073AB



001D2B

Previews

White Background



This preview shows how the Hex color D86F3C looks on a white background.

Color Contrast Check

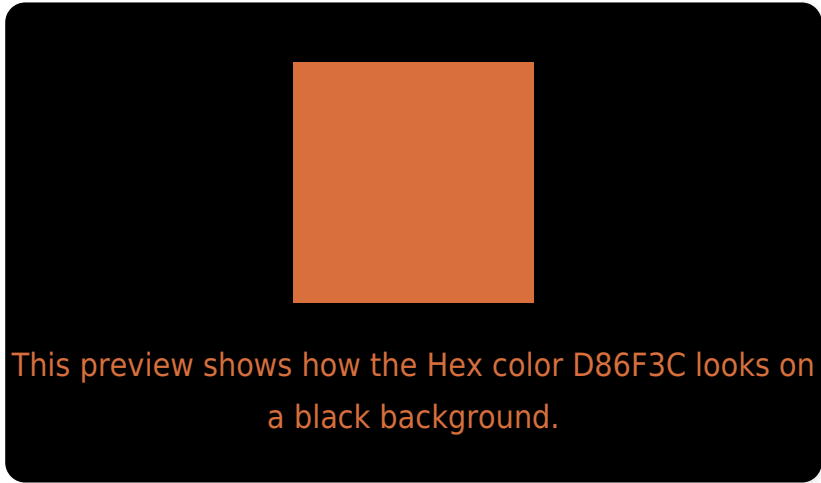
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86F3C Background



This preview shows how black text looks on a background with the Hex color D86F3C.



This preview shows how white text looks on a background with the Hex color D86F3C.

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
DB6970

Trichromacy



Original Color
D86F3C

Protanomaly
B28242

Deuteranomaly
BE7E38

Tritanomaly
DA6B5D

Monochromacy



Original Color
D86F3C

Achromatopsia
898989

Achromatomaly
A6806D

CSS Examples

Text

The CSS property to change the color of the text to Hex D86F3C 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 #D86F3C looks like.

```
.text, #text, p{  
    color:#D86F3C  
}
```

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 #D86F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86F3C
}
```

Border

The CSS property to change the border of an element to Hex D86F3C 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
#D86F3C }
```

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

```
.border{ border-color:#D86F3C }
```

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

Here you see how a box with a 4 pixel #D86F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86F3C; -webkit-box-shadow:4px 4px  
4px 4px #D86F3C; box-shadow:4px 4px 4px  
4px #D86F3C }
```

Background

The CSS property to change the background color of an element to Hex D86F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86F3C }
```

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

```
.background{ background-color:#D86F3C }
```

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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