

Converting Colors

Hex(D86246)

Have a look what the booklet for
Hex(D86246) contains.

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Color

Hex(D86246)

Conversions

Conversions Part 1

Format	Color
Hex	D86246
RGB	216, 98, 70
RGB Percent	85%, 38%, 27%
CMY	0.1529, 0.6157, 0.7255
CMYK	0.00, 0.55, 0.68, 0.15
HSL	12°, 65%, 56%
HSV	12°, 68%, 85%
XYZ	33.7921, 23.7765, 8.6026
YIQ	130.0900, 79.3160, 16.3080

Conversions

Conversions Part 2

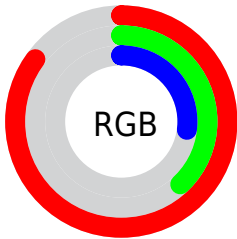
Format	Color
R_{YB}	216, 105, 70
Decimal	14180934
CIE _{Lab}	55.86, 44.46, 38.08
CIE _{LCh}	56, 58.537, 40.585
Yxy	23.7765, 0.5107, 0.3593
Android (android.graphics.Color)	4292371014 (0xFFD86246)
YUV	130.0900, -29.6244, 75.3431
Hunter-Lab	48.7611, 38.3707, 23.6726

Details

The Hex color **D86246** 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 **46BCD8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9877**, and **9B2D18** is the 20% darker color. If you saturate the color by 10%, you get **D85130**, and if you desaturate by 10%, it is **D8735C**.

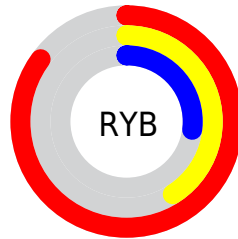
Distribution



Red (85%)

Green (38%)

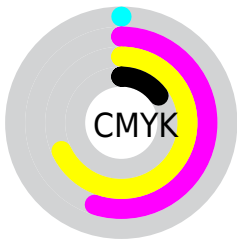
Blue (27%)



Red (85%)

Yellow (41%)

Blue (27%)

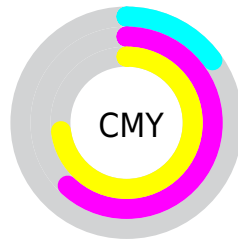


Cyan (0%)

Magenta (55%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86246 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 D86246 by changing the saturation by 10% instead.

 D86246

 D86246

FFFFFF

 B9482F

 FF9877

 9B2D18

 FFB391

 7D0E00

 FFCFAC

 600000

 FFECC7

 430000

 FFFFE4

 280001

 000000

 D86246

 D86246

 D85130

 D8735C

 D83F1B

 D88571

 D82E05

 D89687

 D82900

 D8A89C

 D8B9B2

 D8CBC8

 D8DCDD

 D8EEF3

 D8FFFF

Harmonies

Analogous

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



E25476



D86246



BA771E

Triad

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



D86246



009C62



3986EA

Complementary

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



D86246



46BCD8

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.



0094E6



D86246



009E97

Square

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



D86246



579532



009CC7



9F70D4

Rectangle

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



D86246



9E840D



009CC7



008BEC

Sweetspot

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



D86246



FFD6CC



D846BD



806761



000000



808080

Same Dimension

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



D86246



FF5830



D8AA46



6B6260



AB2100



2B0800

Inverse Universe

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



46BCD8



30D7FF



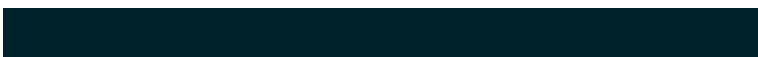
4674D8



60696B



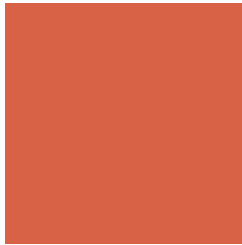
008AAB



00232B

Previews

White Background



This preview shows how the Hex color D86246 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 D86246 Background



This preview shows how black text looks on a background with the Hex color D86246.



This preview shows how white text looks on a background with the Hex color D86246.

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
D86246

Protanopia
938653

Deuteranopia
A68040

Trichromacy



Original Color
D86246

Protanomaly
AC794E

Deuteranomaly
B87542

Tritanomaly
D95F59

Monochromacy



Original Color
D86246

Achromatopsia
828282

Achromatomaly
A1766C

CSS Examples

Text

The CSS property to change the color of the text to Hex D86246 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 #D86246 looks like.

```
.text, #text, p{  
    color:#D86246  
}
```

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 #D86246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86246
}
```

Border

The CSS property to change the border of an element to Hex D86246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

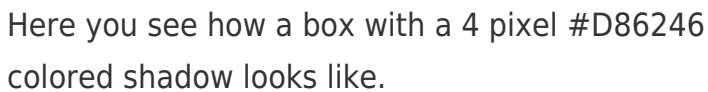
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D86246 }
```

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

```
.border{ border-color:#D86246 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D86246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86246; -webkit-box-shadow:4px 4px  
4px 4px #D86246; box-shadow:4px 4px 4px  
4px #D86246 }
```

Background

The CSS property to change the background color of an element to Hex D86246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86246 }
```

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

```
.background{ background-color:#D86246 }
```

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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