

Converting Colors

Hex(D84645)

Have a look what the booklet for
Hex(D84645) contains.

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Color

Hex(D84645)

Conversions

Conversions Part 1

Format	Color
Hex	D84645
RGB	216, 70, 69
RGB Percent	85%, 27%, 27%
CMY	0.1529, 0.7255, 0.7294
CMYK	0.00, 0.68, 0.68, 0.15
HSL	0°, 65%, 56%
HSV	0°, 68%, 85%
XYZ	31.5832, 19.4089, 7.7119
YIQ	113.5400, 87.3370, 30.6410

Conversions

Conversions Part 2

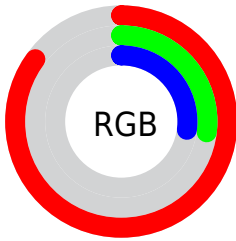
Format	Color
R_{YB}	216, 70, 69
Decimal	14173765
CIE _{Lab}	51.16, 56.83, 33.05
CIE _{LCh}	51, 65.737, 30.180
Yxy	19.4089, 0.5380, 0.3306
Android (android.graphics.Color)	4292363845 (0xFFD84645)
YUV	113.5400, -21.9582, 89.8574
Hunter-Lab	44.0556, 50.8687, 20.4602

Details

The Hex color **D84645** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45D7D8**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7E75**, and **9A0019** is the 20% darker color. If you saturate the color by 10%, you get **D8312F**, and if you desaturate by 10%, it is **D85B5B**.

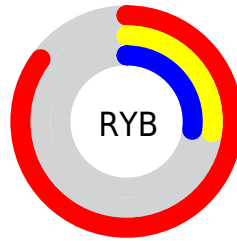
Distribution



Red (85%)

Green (27%)

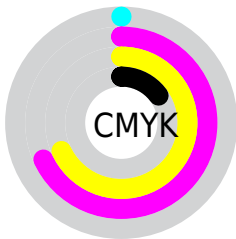
Blue (27%)



Red (85%)

Yellow (27%)

Blue (27%)

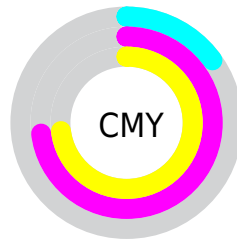


Cyan (0%)

Magenta (68%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84645 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 D84645 by changing the saturation by 10% instead.

 D84645

 D84645

FFFFFF

 B9272E

 FF7E75

 9A0019

 FF9A8F

 7C0001

 FFB6AA

 5D0000

 FFD3C5

 410002

 FFF1E1

 200001

FFFFFFE

 000000

 D84645

 D84645

 D8312F

 D85B5B

 D81B1A

 D87170

 D80604

 D88686

 D80100

 D89C9B

 D8B1B1

 D8C7C7

 D8DCDC

 D8F2F2

 D8FFFF

Harmonies

Analogous

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



DA3A7C



D84645



BE610C

Triad

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



D84645



008F3E



0081EB

Complementary

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



D84645



45D7D8

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.



008EDB



D84645



009379

Square

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



D84645



5A8700



0093B1



756BDC

Rectangle

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



D84645



A27100



0093B1



0086E9

Sweetspot

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



D84645



FFCCCC



D845D8



806161



000000



808080

Same Dimension

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



D84645



FF2F2E



D88F45



6B6060



AB0100



2B0000

Inverse Universe

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



45D7D8



2EFEFF



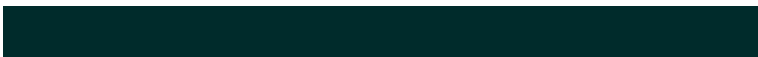
458FD8



606B6B



00AAAB



002B2B

Previews

White Background



This preview shows how the Hex color D84645 looks on a white background.

Color Contrast Check

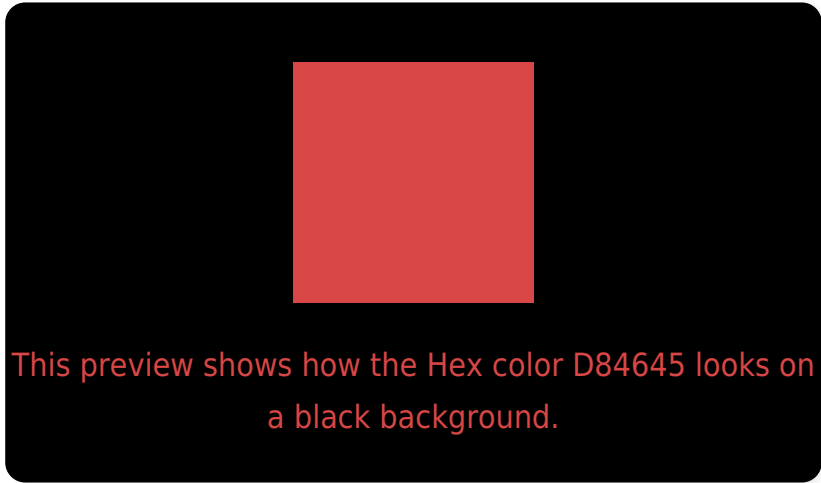
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84645 Background



This preview shows how black text looks on a background with the Hex color D84645.



This preview shows how white text looks on a background with the Hex color D84645.

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
D84645

Protanopia
847A59

Deuteranopia
97753D

Trichromacy



Original Color
D84645

Protanomaly
A36752

Deuteranomaly
AF6440

Tritanomaly
D84548

Monochromacy



Original Color
D84645

Achromatopsia
727272

Achromatomaly
976262

CSS Examples

Text

The CSS property to change the color of the text to Hex D84645 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 #D84645 looks like.

```
.text, #text, p{  
    color:#D84645  
}
```

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 #D84645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84645
}
```

Border

The CSS property to change the border of an element to Hex D84645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

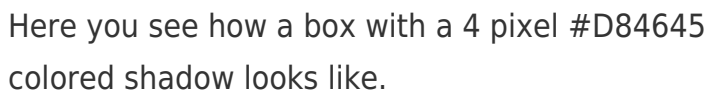
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D84645 }
```

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

```
.border{ border-color:#D84645 }
```

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



Here you see how a box with a 4 pixel #D84645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84645; -webkit-box-shadow:4px 4px  
4px 4px #D84645; box-shadow:4px 4px 4px  
4px #D84645 }
```

Background

The CSS property to change the background color of an element to Hex D84645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84645 }
```

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

```
.background{ background-color:#D84645 }
```

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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