

# Converting Colors

Hex(D04853)

Have a look what the booklet for  
Hex(D04853) contains.

<b>Hex(D04853)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(D04853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D04853
RGB	208, 72, 83
RGB Percent	82%, 28%, 33%
CMY	0.1843, 0.7176, 0.6745
CMYK	0.00, 0.65, 0.60, 0.18
HSL	355°, 59%, 55%
HSV	355°, 65%, 82%
XYZ	29.8911, 18.6692, 10.2117
YIQ	113.9180, 77.5250, 32.2530

# Conversions

## Conversions Part 2

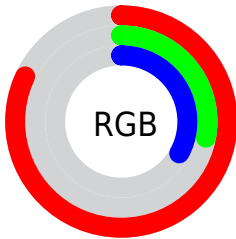
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 72, 83
Decimal	13650003
CIE <sub>Lab</sub>	50.30, 54.25, 23.44
CIE <sub>LCh</sub>	50, 59.100, 23.366
Yxy	18.6692, 0.5086, 0.3177
Android (android.graphics.Color)	4291840083 (0xFFD04853)
YUV	113.9180, -15.2426, 82.5099
Hunter-Lab	43.2078, 47.8724, 16.2329

# Details

The Hex color **D04853** 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 **48D0C5**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7F84**, and **930026** is the 20% darker color. If you saturate the color by 10%, you get **D03340**, and if you desaturate by 10%, it is **D05D66**.

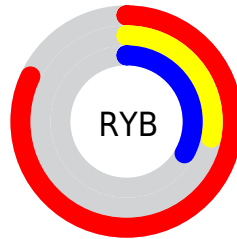
# Distribution



Red (82%)

Green (28%)

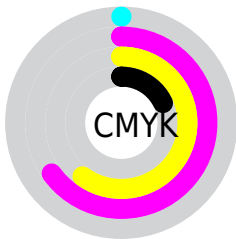
Blue (33%)



Red (82%)

Yellow (28%)

Blue (33%)

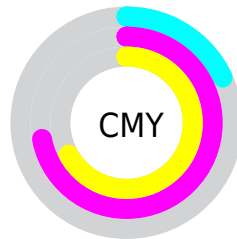


Cyan (0%)

Magenta (65%)

Yellow (60%)

Black (18%)



Cyan (18%)

Magenta (72%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04853 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 D04853 by changing the saturation by 10% instead.



 D04853

 D04853

FFFFFF

 B12B3C

 FF7F84

 930026

 FF9B9E

 750012

 FFB7B9

 580000

 FFD4D5

 3D0002

 FFF1F1

 190001

 000000

 D04853

 D04853

 D03340

 D05D66

 D01E2D

 D07279

 D00A1A

 D0868C

 D00011

 D09B9F

 D0B0B3

 D0C5C6

 D0DAD9

 D0EEEC

 D0FFFF

# Harmonies

## Analogous

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



CB4585



D04853



BD5C26

# Triad

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



D04853



1E8A37



0081DC

# Complementary

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



D04853



48D0C5

# 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.



008BC8



D04853



008E6A

# Square

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



D04853



6A8102



008F9E



606FD5

# Rectangle

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



D04853



A66B04



008F9E



0085D8



# Sweetspot

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



D04853



FFCCD0



C548D0



806163



000000



808080



# Same Dimension

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



D04853



FF3848



D08148



695E5F



A8000E



290003



# Inverse Universe

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



D04853



FF3848



4897D0



695E5F



A8000E



290003



# Previews

## White Background



This preview shows how the Hex color D04853 looks on a white background.

## Color Contrast Check

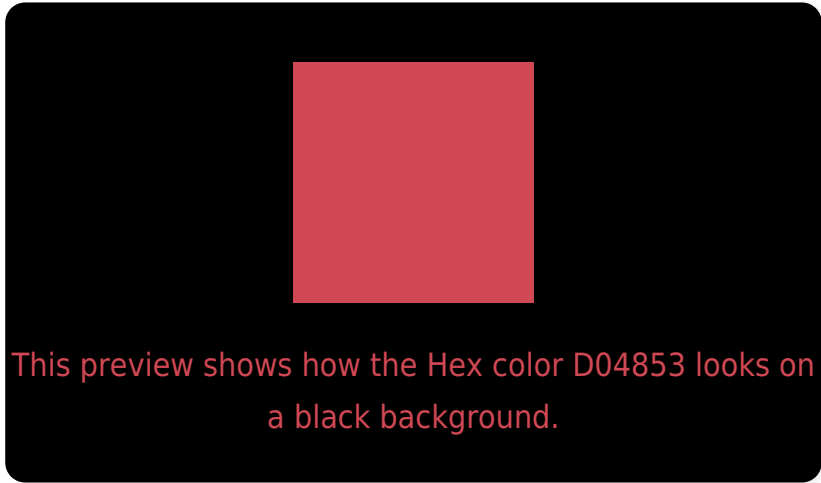
Large Text (above 18pt) WCAG AA ✓ Pass

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 D04853 Background



This preview shows how black text looks on a background with the Hex color D04853.

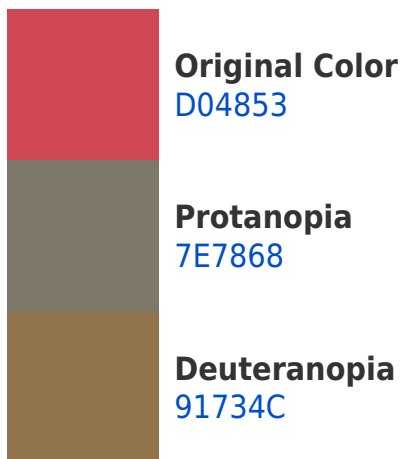



This preview shows how white text looks on a background with the Hex color D04853.

# 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**  
D0494D

# Trichromacy



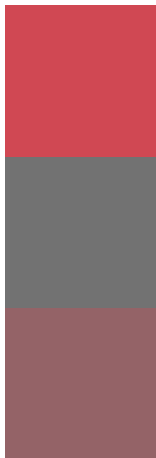
**Original Color**  
D04853

**Protanomaly**  
9C6760

**Deuteranomaly**  
A8634F

**Tritanomaly**  
D0494F

# Monochromacy



**Original Color**  
D04853

**Achromatopsia**  
727272

**Achromatomaly**  
946367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04853 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 #D04853 looks like.

```
.text, #text, p{  
    color:#D04853  
}
```

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 #D04853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04853
}
```

## Border

The CSS property to change the border of an element to Hex D04853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

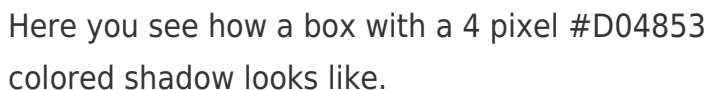
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D04853 }
```

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

```
.border{ border-color:#D04853 }
```

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



Here you see how a box with a 4 pixel `#D04853` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04853; -webkit-box-shadow:4px 4px  
4px 4px #D04853; box-shadow:4px 4px 4px  
4px #D04853 }
```

# Background

The CSS property to change the background color of an element to Hex D04853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04853 }
```

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

```
.background{ background-color:#D04853 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor