

Converting Colors

Hex(D84C53)

Have a look what the booklet for
Hex(D84C53) contains.

Hex(D84C53)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D84C53)

Conversions

Conversions Part 1

Format	Color
Hex	D84C53
RGB	216, 76, 83
RGB Percent	85%, 30%, 33%
CMY	0.1529, 0.7020, 0.6745
CMYK	0.00, 0.65, 0.62, 0.15
HSL	357°, 64%, 57%
HSV	357°, 65%, 85%
XYZ	32.4647, 20.3923, 10.4087
YIQ	118.6580, 81.1930, 31.8570

Conversions

Conversions Part 2

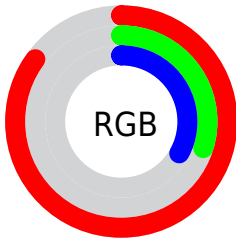
Format	Color
R_{YB}	216, 76, 83
Decimal	14175315
CIE _{Lab}	52.28, 55.21, 26.27
CIE _{LCh}	52, 61.142, 25.448
Yxy	20.3923, 0.5131, 0.3223
Android (android.graphics.Color)	4292365395 (0xFFD84C53)
YUV	118.6580, -17.5794, 85.3689
Hunter-Lab	45.1579, 49.3000, 17.9445

Details

The Hex color **D84C53** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4CD8D1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8384**, and **9B0626** is the 20% darker color. If you saturate the color by 10%, you get **D8363E**, and if you desaturate by 10%, it is **D86268**.

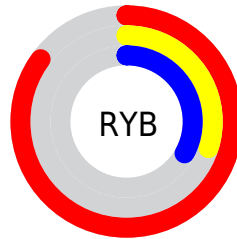
Distribution



Red (85%)

Green (30%)

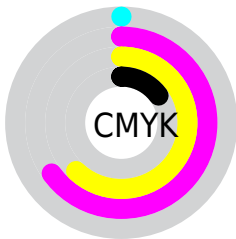
Blue (33%)



Red (85%)

Yellow (30%)

Blue (33%)

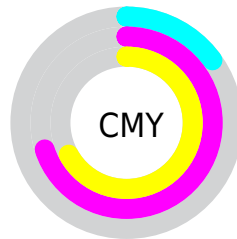


Cyan (0%)

Magenta (65%)

Yellow (62%)

Black (15%)



Cyan (15%)

Magenta (70%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84C53 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 D84C53 by changing the saturation by 10% instead.

 D84C53

 D84C53

FFFFFF

 B92F3C

 FF8384

 9B0626

 FF9F9F

 7D0012

 FFBCBA

 5F0000

 FFD9D5

 430002

 FFF6F2

 240001

 000000

 D84C53

 D84C53

 D8363E

 D86268

 D8212A

 D8777C

 D80B15

 D88D91

 D8000B

 D8A2A5

 D8B8BA

 D8CECE

 D8E3E3

 D8F9F7

 D8FFFF

Harmonies

Analogous

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



D54787



D84C53



C36224

Triad

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



D84C53



10903D



0085E6

Complementary

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



D84C53



4CD8D1

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.



0090D3



D84C53



009473

Square

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



D84C53



6A8706



0095A8



6B72DC

Rectangle

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



D84C53



AA7100



0095A8



008AE2

Sweetspot

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



D84C53



FFCFD1



D14CD8



806264



000000



808080

Same Dimension

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



D84C53



FF3842



D88B4C



6B6061



AB0009



2B0002

Inverse Universe

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



D84C53



FF3842



4C99D8



6B6061



AB0009



2B0002

Previews

White Background



This preview shows how the Hex color D84C53 looks on a white background.

Color Contrast Check

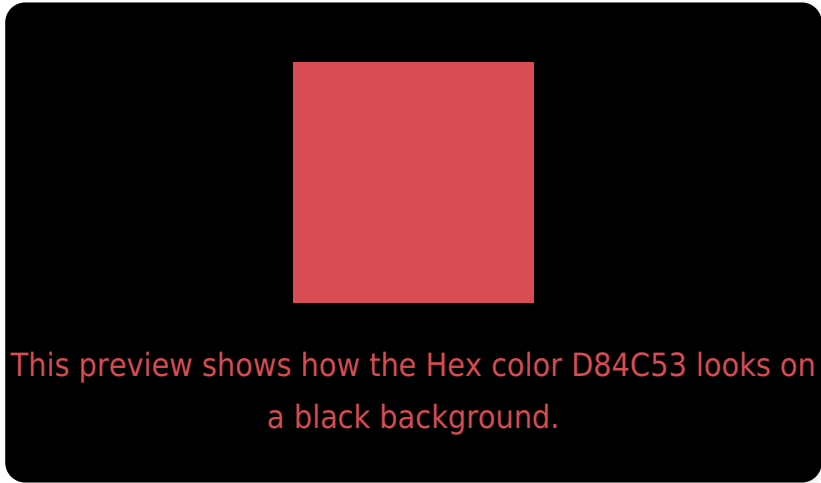
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84C53 Background



This preview shows how black text looks on a background with the Hex color D84C53.

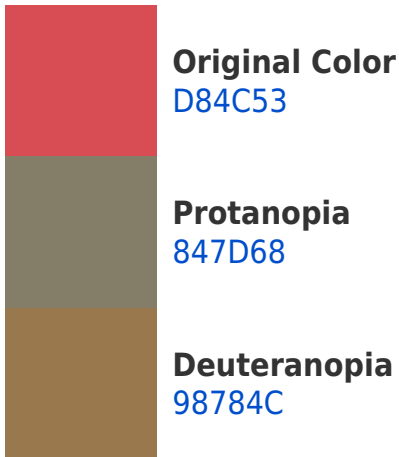



This preview shows how white text looks on a background with the Hex color D84C53.

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
D84C51

Trichromacy



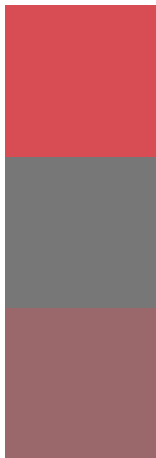
Original Color
D84C53

Protanomaly
A36B60

Deuteranomaly
AF684F

Tritanomaly
D84C52

Monochromacy



Original Color
D84C53

Achromatopsia
777777

Achromatomaly
9A676A

CSS Examples

Text

The CSS property to change the color of the text to Hex D84C53 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 #D84C53 looks like.

```
.text, #text, p{  
    color:#D84C53  
}
```

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 #D84C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84C53
}
```

Border

The CSS property to change the border of an element to Hex D84C53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

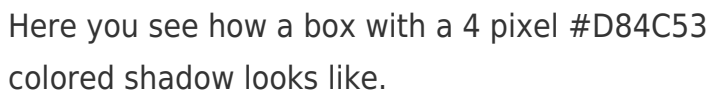
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D84C53 }
```

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

```
.border{ border-color:#D84C53 }
```

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



Here you see how a box with a 4 pixel #D84C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84C53; -webkit-box-shadow:4px 4px  
4px 4px #D84C53; box-shadow:4px 4px 4px  
4px #D84C53 }
```

Background

The CSS property to change the background color of an element to Hex D84C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84C53 }
```

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

```
.background{ background-color:#D84C53 }
```

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