

Converting Colors

Hex(D84D59)

Have a look what the booklet for
Hex(D84D59) contains.

Hex(D84D59)	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(D84D59)

Conversions

Conversions Part 1

Format	Color
Hex	D84D59
RGB	216, 77, 89
RGB Percent	85%, 30%, 35%
CMY	0.1529, 0.6980, 0.6510
CMYK	0.00, 0.64, 0.59, 0.15
HSL	355°, 64%, 57%
HSV	355°, 64%, 85%
XYZ	32.7760, 20.6280, 11.7053
YIQ	119.9290, 78.9920, 33.2000

Conversions

Conversions Part 2

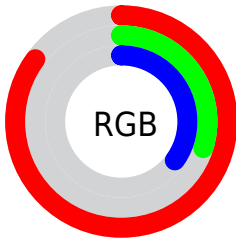
Format	Color
RYB	216, 77, 89
Decimal	14175577
CIELab	52.54, 55.19, 23.07
CIElCh	53, 59.823, 22.688
Yxy	20.6280, 0.5034, 0.3168
Android (android.graphics.Color)	4292365657 (0xFFD84D59)
YUV	119.9290, -15.2480, 84.2543
Hunter-Lab	45.4180, 49.3332, 16.5122

Details

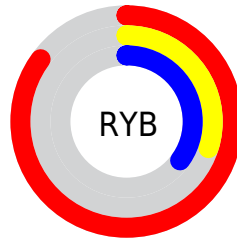
The Hex color **D84D59** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4DD8CC**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF848B**, and **9B082C** is the 20% darker color. If you saturate the color by 10%, you get **D83745**, and if you desaturate by 10%, it is **D8636D**.

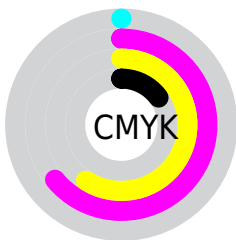
Distribution



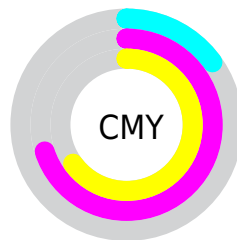
- Red (85%)
- Green (30%)
- Blue (35%)



- Red (85%)
- Yellow (30%)
- Blue (35%)



- Cyan (0%)
- Magenta (64%)
- Yellow (59%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84D59 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 D84D59 by changing the saturation by 10% instead.

 D84D59

 D84D59

FFFFFF

 B93042

 FF848B

 9B082C

 FFA0A5

 7D0017

 FFBDC0

 600000

 FFDADC

 430002

 FFF7F9

 250001

 000000

 D84D59

 D84D59

 D83745

 D8636D

 D82232

 D87880

 D80C1E

 D88E94

 D80013

 D8A3A8

 D8B9BC

 D8CFCF

 D8E4E3

 D8FAF7

 D8FFFF

Harmonies

Analogous

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



D34A8C



D84D59



C5612B

Triad

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



D84D59



28903B



0087E4

Complementary

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



D84D59



4DD8CC

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.



0091CE



D84D59



00946F

Square

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



D84D59



718608



0095A4



6375DD

Rectangle

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



D84D59



AE700C



0095A4



008BE0

Sweetspot

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



D84D59



FFCFD3



CA4DD8



806265



000000



808080

Same Dimension

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



D84D59



FF3B4C



D8854D



6B6061



AB000F



2B0004

Inverse Universe

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



D84D59



FF3B4C



4DA0D8



6B6061



AB000F



2B0004

Previews

White Background



This preview shows how the Hex color D84D59 looks on a white background.

Color Contrast Check

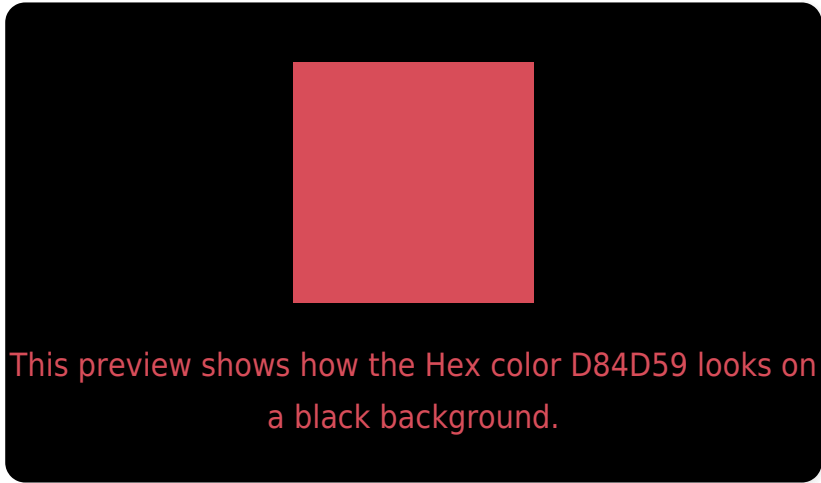
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84D59 Background



This preview shows how black text looks on a background with the Hex color D84D59.



This preview shows how white text looks on a background with the Hex color D84D59.

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
D84D59

Protanopia
847E6F

Deuteranopia
977852



Tritanopia
D84E53

Trichromacy



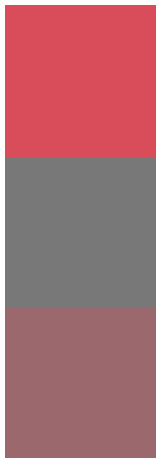
Original Color
D84D59

Protanomaly
A36C67

Deuteranomaly
AF6855

Tritanomaly
D84E55

Monochromacy



Original Color
D84D59

Achromatopsia
787878

Achromatomaly
9B686D

CSS Examples

Text

The CSS property to change the color of the text to Hex D84D59 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 #D84D59 looks like.

```
.text, #text, p{  
    color:#D84D59  
}
```

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 #D84D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84D59
}
```

Border

The CSS property to change the border of an element to Hex D84D59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

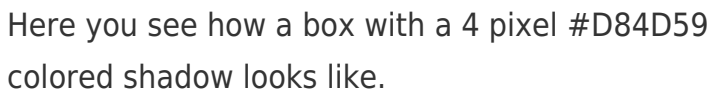
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D84D59 }
```

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

```
.border{ border-color:#D84D59 }
```

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



Here you see how a box with a 4 pixel #D84D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84D59; -webkit-box-shadow:4px 4px  
4px 4px #D84D59; box-shadow:4px 4px 4px  
4px #D84D59 }
```

Background

The CSS property to change the background color of an element to Hex D84D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84D59 }
```

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

```
.background{ background-color:#D84D59 }
```

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