

Converting Colors

Hex(DD5847)

Have a look what the booklet for
Hex(DD5847) contains.

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Color

Hex(DD5847)

Conversions

Conversions Part 1

Format	Color
Hex	DD5847
RGB	221, 88, 71
RGB Percent	87%, 35%, 28%
CMY	0.1333, 0.6549, 0.7216
CMYK	0.00, 0.60, 0.68, 0.13
HSL	7°, 69%, 57%
HSV	7°, 68%, 87%
XYZ	34.4458, 22.8065, 8.5478
YIQ	125.8290, 84.7250, 22.9090

Conversions

Conversions Part 2

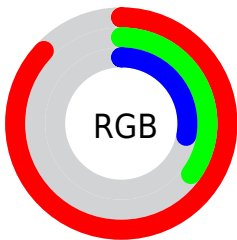
Format	Color
R_{YB}	221, 90, 71
Decimal	14506055
CIE Lab	54.87, 51.00, 36.56
CIE LCh	55, 62.745, 35.635
Yxy	22.8065, 0.5235, 0.3466
Android (android.graphics.Color)	4292696135 (0xFFDD5847)
YUV	125.8290, -27.0307, 83.4650
Hunter-Lab	47.7562, 45.1762, 22.8171

Details

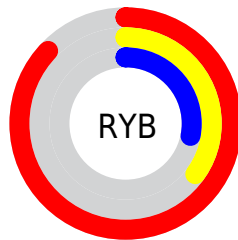
The Hex color **DD5847** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **47CCDD**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8E78**, and **9F1F1A** is the 20% darker color. If you saturate the color by 10%, you get **DD4431**, and if you desaturate by 10%, it is **DD6C5D**.

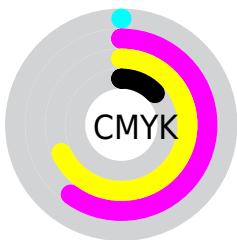
Distribution



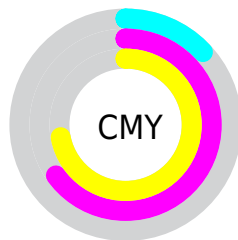
- Red (87%)
- Green (35%)
- Blue (28%)



- Red (87%)
- Yellow (35%)
- Blue (28%)



- Cyan (0%)
- Magenta (60%)
- Yellow (68%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD5847 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 DD5847 by changing the saturation by 10% instead.

 DD5847

 DD5847

FFFFFF

 BE3D30

 FF8E78

 9F1F1A

 FFAA92

 810002

 FFC7AD

 630000

 FFE4C8

 460000

 FFFFE4

 2A0001

 000000

 DD5847

 DD5847

 DD4431

 DD6C5D

 DD311B

 DD7F73

 DD1D05

 DD9389

 DD1900

 DDA69F

 DDBAB6

 DDCECC

 DDE1E2

 DDF5F8

 DDFFFF

Harmonies

Analogous

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



E34B7B



DD5847



C07017

Triad

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



DD5847



009954



0087F0

Complementary

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



DD5847



47CCDD

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.



0095E6



DD5847



009C8C

Square

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



DD5847



5B921F



009BC1



9170DC

Rectangle

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



DD5847



A47E00



009BC1



008CF0

Sweetspot

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



DD5847



FFD2CC



DD47CE



806461



000000



808080

Same Dimension

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



DD5847



FF4830



DDA147



6E6463



AD1400



2E0500

Inverse Universe

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



47CCDD



30E8FF



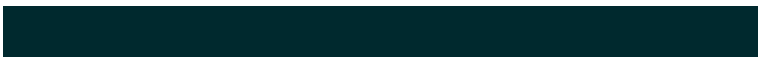
4783DD



636C6E



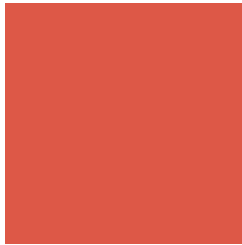
009AAD



00292E

Previews

White Background



This preview shows how the Hex color DD5847 looks on a white background.

Color Contrast Check

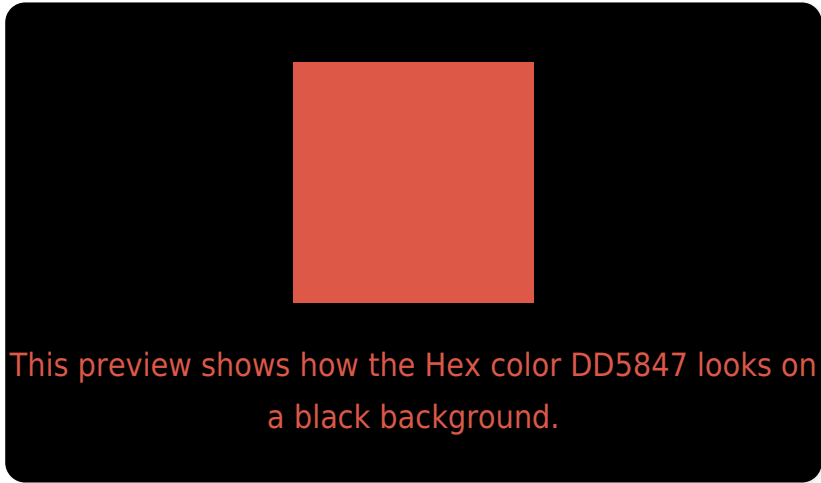
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD5847 Background



This preview shows how black text looks on a background with the Hex color DD5847.



This preview shows how white text looks on a background with the Hex color DD5847.

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
DD5847

Protanopia
8F8457

Deuteranopia
A37E40



Tritanopia
DE555B

Trichromacy



Original Color
DD5847

Protanomaly
AB7451

Deuteranomaly
B87043

Tritanomaly
DE5654

Monochromacy



Original Color
DD5847

Achromatopsia
7E7E7E

Achromatomaly
A1706A

CSS Examples

Text

The CSS property to change the color of the text to Hex DD5847 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 #DD5847 looks like.

```
.text, #text, p{  
    color:#DD5847  
}
```

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 #DD5847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5847
}
```

Border

The CSS property to change the border of an element to Hex DD5847 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
#DD5847 }
```

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

```
.border{ border-color:#DD5847 }
```

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

Here you see how a box with a 4 pixel #DD5847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5847; -webkit-box-shadow:4px 4px  
4px 4px #DD5847; box-shadow:4px 4px 4px  
4px #DD5847 }
```

Background

The CSS property to change the background color of an element to Hex DD5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5847 }
```

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

```
.background{ background-color:#DD5847 }
```

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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