

# Converting Colors

Hex(DD5F55)

Have a look what the booklet for  
Hex(DD5F55) contains.

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# Color

**Hex(DD5F55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD5F55
RGB	221, 95, 85
RGB Percent	87%, 37%, 33%
CMY	0.1333, 0.6275, 0.6667
CMYK	0.00, 0.57, 0.62, 0.13
HSL	4°, 67%, 60%
HSV	4°, 62%, 87%
XYZ	35.5507, 24.2124, 11.3941
YIQ	131.5340, 78.3060, 23.6020

# Conversions

## Conversions Part 2

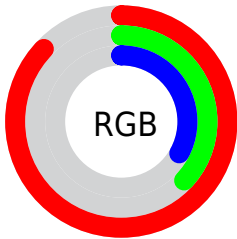
Format	Color
<a href="#">RYB</a>	<a href="#">221, 96, 85</a>
Decimal	<a href="#">14507861</a>
CIELab	<a href="#">56.30, 48.61, 30.41</a>
CIElCh	<a href="#">56, 57.341, 32.025</a>
Yxy	<a href="#">24.2124, 0.4996, 0.3403</a>
Android (android.graphics.Color)	<a href="#">4292697941 (0xFFDD5F55)</a>
YUV	<a href="#">131.5340, -22.9413, 78.4617</a>
Hunter-Lab	<a href="#">49.2061, 42.8528, 20.7152</a>

# Details

The Hex color **DD5F55** 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 **55D3DD**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9587**, and **A02827** is the 20% darker color. If you saturate the color by 10%, you get **DD4B3F**, and if you desaturate by 10%, it is **DD736B**.

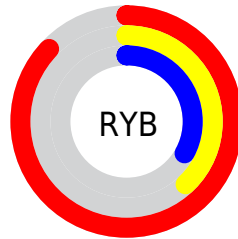
# Distribution



Red (87%)

Green (37%)

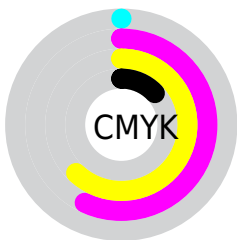
Blue (33%)



Red (87%)

Yellow (38%)

Blue (33%)

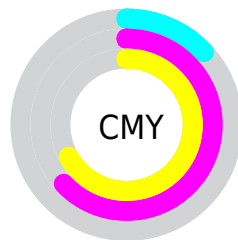


Cyan (0%)

Magenta (57%)

Yellow (62%)

Black (13%)



Cyan (13%)

Magenta (63%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD5F55 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 DD5F55 by changing the saturation by 10% instead.



 DD5F55

 DD5F55

FFFFFF

 BE443E

 FF9587

 A02827

 FFB1A1

 820213

 FFCDBC

 650000

 FFEAD8

 480000

 FFFFF5

 2D0001

 000000

 DD5F55

 DD5F55

 DD4B3F

 DD736B

 DD3629

 DD8881

 DD2213

 DD9C97

 DD1000

 DDB1AD

 DDC5C3

 DDDADA

 DDEEF0

 DDFFFF

# Harmonies

## Analogous

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



DF5786



DD5F55



C5732C

# Triad

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



DD5F55



089B56



008CEB

# Complementary

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



DD5F55



55D3DD

# 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.



0098DF



DD5F55



009F89

# Square

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



DD5F55



6B932A



009EBB



8C78DC

# Rectangle

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



DD5F55



AC8018



009EBB



0091EA



# Sweetspot

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



DD5F55



FFD4D1



DD55D4



806663



000000



808080



# Same Dimension

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



DD5F55



FF5042



DDA255



6E6363



AD0D00



2E0300



# Inverse Universe

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



55D3DD



42F1FF



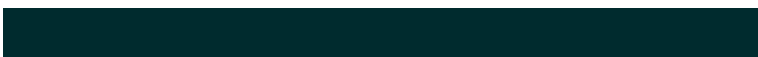
5590DD



636D6E



00A1AD



002B2E



# Previews

## White Background



This preview shows how the Hex color DD5F55 looks on a white background.

## Color Contrast Check

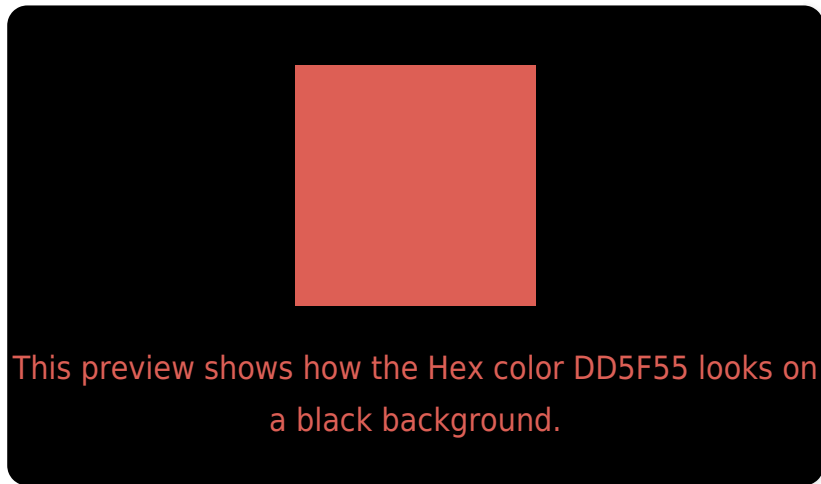
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD5F55 Background



This preview shows how black text looks on a background with the Hex color DD5F55.



This preview shows how white text looks on a background with the Hex color DD5F55.

# 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



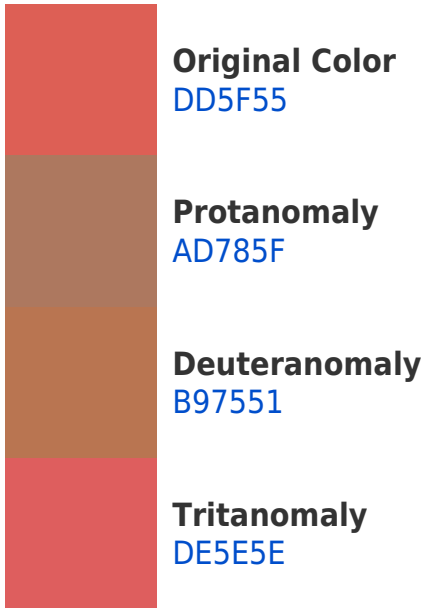
**Original Color**  
DD5F55

**Protanopia**  
918765

**Deuteranopia**  
A5814F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD5F55 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 #DD5F55 looks like.

```
.text, #text, p{  
    color:#DD5F55  
}
```

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 #DD5F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5F55
}
```

## Border

The CSS property to change the border of an element to Hex DD5F55 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
#DD5F55 }
```

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

```
.border{ border-color:#DD5F55 }
```

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

Here you see how a box with a 4 pixel #DD5F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5F55; -webkit-box-shadow:4px 4px  
4px 4px #DD5F55; box-shadow:4px 4px 4px  
4px #DD5F55 }
```

# Background

The CSS property to change the background color of an element to Hex DD5F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5F55 }
```

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

```
.background{ background-color:#DD5F55 }
```

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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