

# Converting Colors

Hex(D95F4F)

Have a look what the booklet for  
Hex(D95F4F) contains.

<b>Hex(D95F4F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D95F4F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D95F4F
RGB	217, 95, 79
RGB Percent	85%, 37%, 31%
CMY	0.1490, 0.6275, 0.6902
CMYK	0.00, 0.56, 0.64, 0.15
HSL	7°, 64%, 58%
HSV	7°, 64%, 85%
XYZ	34.1188, 23.5006, 10.1350
YIQ	129.6540, 77.8480, 20.8880

# Conversions

## Conversions Part 2

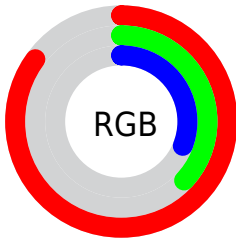
Format	Color
R <sub>Y</sub> B	217, 97, 79
Decimal	14245711
CIE Lab	55.58, 46.80, 32.78
CIE LCh	56, 57.136, 35.012
Yxy	23.5006, 0.5036, 0.3469
Android (android.graphics.Color)	4292435791 (0xFFD95F4F)
YUV	129.6540, -24.9724, 76.6024
Hunter-Lab	48.4775, 40.7939, 21.5387

# Details

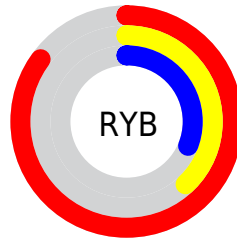
The Hex color **D95F4F** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4FC9D9**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9581**, and **9C2922** is the 20% darker color. If you saturate the color by 10%, you get **D94C39**, and if you desaturate by 10%, it is **D97265**.

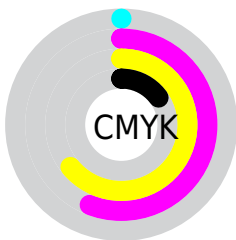
# Distribution



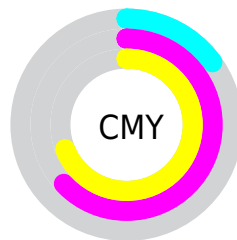
- Red (85%)
- Green (37%)
- Blue (31%)



- Red (85%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (56%)
- Yellow (64%)
- Black (15%)



- Cyan (15%)
- Magenta (63%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D95F4F 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 D95F4F by changing the saturation by 10% instead.



 D95F4F

 D95F4F

FFFFFF

 BA4438

 FF9581

 9C2922

 FFB19B

 7E050D

 FFCDB6

 610000

 FFEAD1

 440000

 FFFFEE

 290001

 000000

 D95F4F

 D95F4F

 D94C39

 D97265

 D93924

 D9857A

 D9250E

 D99990

 D91900

 D9ACA6

 D9BFBB

 D9D2D1

 D9E5E7

 D9F8FD

 D9FFFF

# Harmonies

## Analogous

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



DE557F



D95F4F



BF7327

# Triad

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



D95F4F



009A59



0188E8

# Complementary

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



D95F4F



4FC9D9

# 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.



0095DF



D95F4F



009D8C

# Square

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



D95F4F



63922C



009CBD



9174D7

# Rectangle

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



D95F4F



A58015



009CBD



008DE8



# Sweetspot

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



D95F4F



FFD4CF



D94FCB



806662



000000



808080



# Same Dimension

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



D95F4F



FF543D



D9A24F



6E6463



AD1400



2E0500



# Inverse Universe

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



4FC9D9



3DE9FF



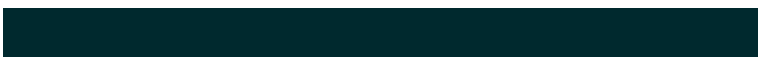
4F86D9



636C6E



0099AD



00292E



# Previews

## White Background



This preview shows how the Hex color D95F4F looks on a white background.

## Color Contrast Check

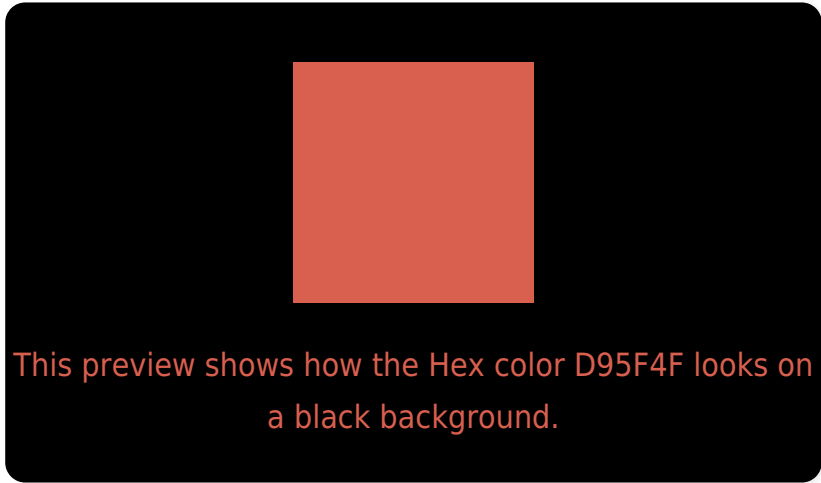
Large Text (above 18pt) WCAG AA ✓ Pass

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 D95F4F Background



This preview shows how black text looks on a background with the Hex color D95F4F.

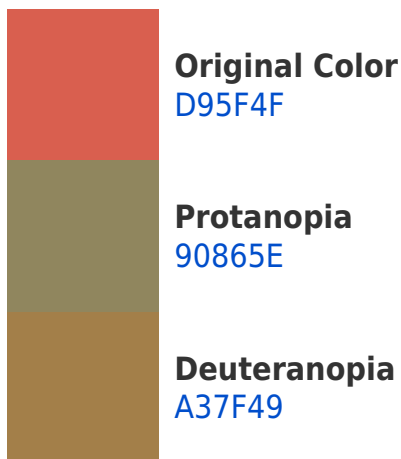


This preview shows how white text looks on a background with the Hex color D95F4F.

# 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





# Trichromacy



**Original Color**  
D95F4F

**Protanomaly**  
AB7859

**Deuteranomaly**  
B7734B

**Tritanomaly**  
DA5D5B

# Monochromacy



**Original Color**  
D95F4F

**Achromatopsia**  
828282

**Achromatomaly**  
A2756F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D95F4F 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 #D95F4F looks like.

```
.text, #text, p{  
    color:#D95F4F  
}
```

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 #D95F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D95F4F
}
```

## Border

The CSS property to change the border of an element to Hex D95F4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

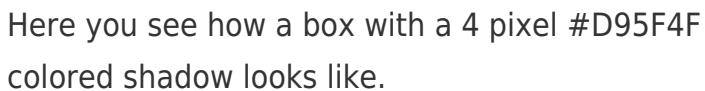
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D95F4F }
```

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

```
.border{ border-color:#D95F4F }
```

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



Here you see how a box with a 4 pixel #D95F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D95F4F; -webkit-box-shadow:4px 4px  
4px 4px #D95F4F; box-shadow:4px 4px 4px  
4px #D95F4F }
```

# Background

The CSS property to change the background color of an element to Hex D95F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D95F4F }
```

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

```
.background{ background-color:#D95F4F }
```

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