

# Converting Colors

Hex(D93550)

Have a look what the booklet for  
Hex(D93550) contains.

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**Color**

**Hex(D93550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D93550
RGB	217, 53, 80
RGB Percent	85%, 21%, 31%
CMY	0.1490, 0.7922, 0.6863
CMYK	0.00, 0.76, 0.63, 0.15
HSL	350°, 68%, 53%
HSV	350°, 76%, 85%
XYZ	31.3363, 17.8771, 9.3884
YIQ	105.1140, 89.0770, 43.1650

# Conversions

## Conversions Part 2

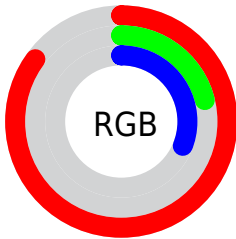
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 53, 80</a>
Decimal	<a href="#">14234960</a>
CIELab	<a href="#">49.35, 63.75, 24.31</a>
CIELCh	<a href="#">49, 68.225, 20.874</a>
Yxy	<a href="#">17.8771, 0.5347, 0.3051</a>
Android (android.graphics.Color)	<a href="#">4292425040</a> ( <a href="#">0xFFD93550</a> )
YUV	<a href="#">105.1140, -12.3812, 98.1240</a>
Hunter-Lab	<a href="#">42.2813, 58.3010, 16.4318</a>

# Details

The Hex color **D93550** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **35D9BE**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7181**, and **9B0024** is the 20% darker color. If you saturate the color by 10%, you get **D91F3E**, and if you desaturate by 10%, it is **D94B62**.

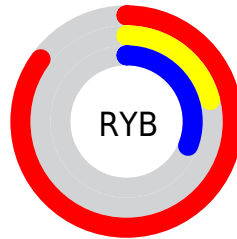
# Distribution



Red (85%)

Green (21%)

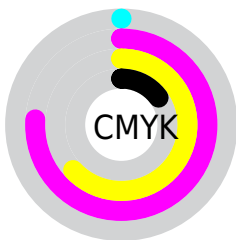
Blue (31%)



Red (85%)

Yellow (21%)

Blue (31%)

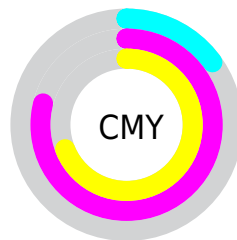


Cyan (0%)

Magenta (76%)

Yellow (63%)

Black (15%)



Cyan (15%)

Magenta (79%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D93550 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 D93550 by changing the saturation by 10% instead.



 D93550

 D93550

FFFFFF

 BA0739

 FF7181

 9B0024

 FF8E9B

 7C0010

 FFAAB6

 5E0000

 FFC7D1

 420003

 FFE5EE

 200001

 000000

 D93550

 D93550

 D91F3E

 D94B62

 D90A2C

 D96074

 D90024

 D97686

 D98C99

 D9A2AB

 D9B7BD

 D9CDCF

 D9E3E1

 D9F8F3

# Harmonies

## Analogous

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



D2338A



D93550



C45217

# Triad

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



D93550



008923



0082E9

# Complementary

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



D93550



35D9BE

# 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.



008CCF



D93550



008E61

# Square

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



D93550



687E00



008F9D



446EE3

# Rectangle

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



D93550



AC6500



008F9D



0086E3



# Sweetspot

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



D93550



FFC4CE



BE35D9



805C62



000000



808080



# Same Dimension

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



D93550



FF173D



D96C35



6E6364



AD001D



2E0008



# Inverse Universe

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



D93550



FF173D



35A2D9



6E6364



AD001D



2E0008



# Previews

## White Background



This preview shows how the Hex color D93550 looks on a white background.

## Color Contrast Check

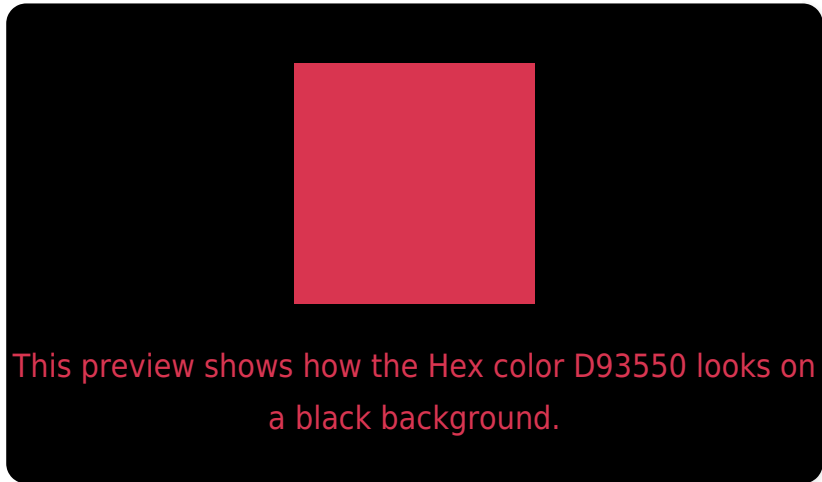
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 D93550 Background



This preview shows how black text looks on a background with the Hex color D93550.

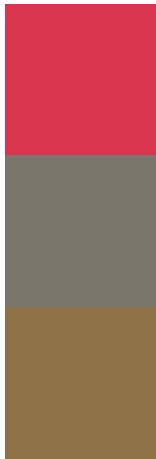


This preview shows how white text looks on a background with the Hex color D93550.

# 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**  
D93550

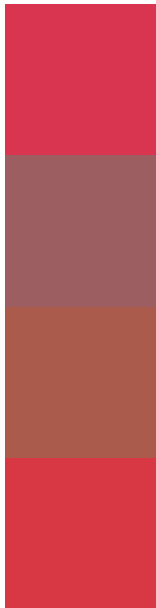
**Protanopia**  
7B766B

**Deuteranopia**  
8F7148



**Tritanopia**  
D8393B

# Trichromacy



**Original Color**  
D93550

**Protanomaly**  
9D5E61

**Deuteranomaly**  
AA5B4B

**Tritanomaly**  
D83843

# Monochromacy



**Original Color**  
D93550

**Achromatopsia**  
696969

**Achromatomaly**  
925660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D93550 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 #D93550 looks like.

```
.text, #text, p{  
    color:#D93550  
}
```

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 #D93550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93550
}
```

## Border

The CSS property to change the border of an element to Hex D93550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

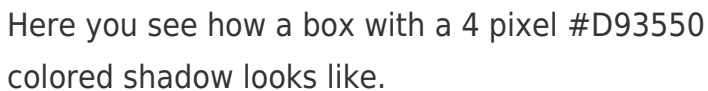
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D93550 }
```

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

```
.border{ border-color:#D93550 }
```

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



Here you see how a box with a 4 pixel #D93550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93550; -webkit-box-shadow:4px 4px  
4px 4px #D93550; box-shadow:4px 4px 4px  
4px #D93550 }
```

# Background

The CSS property to change the background color of an element to Hex D93550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93550 }
```

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

```
.background{ background-color:#D93550 }
```

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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