

# Converting Colors

Hex(DA3738)

Have a look what the booklet for  
Hex(DA3738) contains.

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# Color

**Hex(DA3738)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA3738
RGB	218, 55, 56
RGB Percent	85%, 22%, 22%
CMY	0.1451, 0.7843, 0.7804
CMYK	0.00, 0.75, 0.74, 0.15
HSL	360°, 69%, 54%
HSV	360°, 75%, 85%
XYZ	30.9934, 17.9233, 5.5674
YIQ	103.8510, 96.8270, 34.8670

# Conversions

## Conversions Part 2

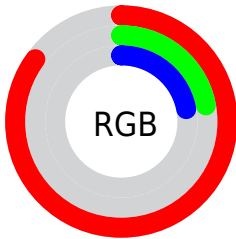
Format	Color
R <sub>Y</sub> B	218, 55, 56
Decimal	14300984
CIE Lab	49.40, 62.24, 38.53
CIE LCh	49, 73.202, 31.761
Yxy	17.9233, 0.5689, 0.3290
Android (android.graphics.Color)	4292491064 (0xFFDA3738)
YUV	103.8510, -23.5905, 100.1087
Hunter-Lab	42.3360, 56.5889, 21.8382

# Details

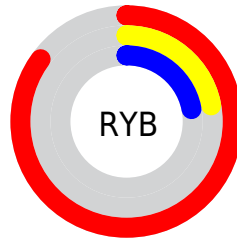
The Hex color **DA3738** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37DAD9**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7268**, and **9B000D** is the 20% darker color. If you saturate the color by 10%, you get **DA2122**, and if you desaturate by 10%, it is **DA4D4E**.

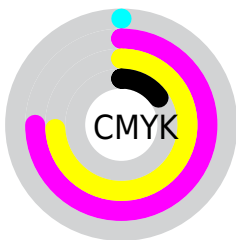
# Distribution



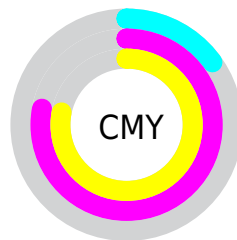
- Red (85%)
- Green (22%)
- Blue (22%)



- Red (85%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (15%)



- Cyan (15%)
- Magenta (78%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA3738 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 DA3738 by changing the saturation by 10% instead.



 DA3738

 DA3738

FFFFFF

 BA0E22

 FF7268

 9B000D

 FF8F81

 7C0000

 FFAB9B

 5D0000

 FFC8B6

 410003

 FFE6D2

 1E0001

 FFFFEE

 000000

 DA3738

 DA3738

 DA2122

 DA4D4E

 DA0B0D

 DA6363

 DA0001

 DA7879

 DA8E8F

 DAA4A4

 DABABA

 DAD0D0

 DAE5E5

 DAFBFB

# Harmonies

## Analogous

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



DF1F75



DA3738



BB5A00

# Triad

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



DA3738



008C36



007DF3

# Complementary

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



DA3738



37DAD9

# 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.



008BE3



DA3738



009078

# Square

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



DA3738



4B8400



0090B6



7363E0

# Rectangle

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



DA3738



9D6D00



0090B6



0082F2



# Sweetspot

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



DA3738



FFC7C7



D737DA



805E5F



000000



808080



# Same Dimension

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



DA3738



FF191B



DA8637



6E6363



AD0001



2E0000



# Inverse Universe

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



DA3738



FF191B



378BDA



6E6363



AD0001



2E0000



# Previews

## White Background



This preview shows how the Hex color DA3738 looks on a white background.

## Color Contrast Check

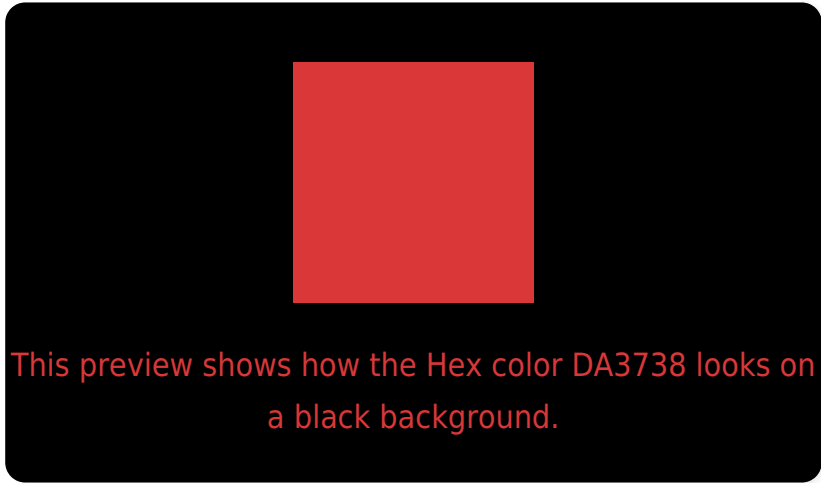
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA3738 Background



This preview shows how black text looks on a background with the Hex color DA3738.



This preview shows how white text looks on a background with the Hex color DA3738.

# 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**  
DA3738

**Protanopia**  
80764C

**Deuteranopia**  
93702D



# Trichromacy



**Original Color**  
DA3738

**Protanomaly**  
A15F45

**Deuteranomaly**  
AD5B31

**Tritanomaly**  
DA3739

# Monochromacy



**Original Color**  
DA3738

**Achromatopsia**  
686868

**Achromatomaly**  
915657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA3738 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 #DA3738 looks like.

```
.text, #text, p{  
    color:#DA3738  
}
```

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 #DA3738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA3738
}
```

## Border

The CSS property to change the border of an element to Hex DA3738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

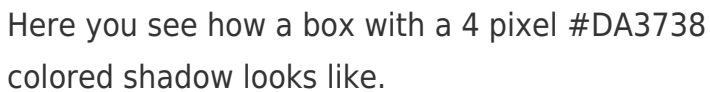
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA3738 }
```

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

```
.border{ border-color:#DA3738 }
```

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



Here you see how a box with a 4 pixel `#DA3738` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA3738; -webkit-box-shadow:4px 4px  
4px 4px #DA3738; box-shadow:4px 4px 4px  
4px #DA3738 }
```

# Background

The CSS property to change the background color of an element to Hex DA3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA3738 }
```

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

```
.background{ background-color:#DA3738 }
```

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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