

# Converting Colors

Hex(DA5858)

Have a look what the booklet for  
Hex(DA5858) contains.

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**Color**

**Hex(DA5858)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA5858
RGB	218, 88, 88
RGB Percent	85%, 35%, 35%
CMY	0.1451, 0.6549, 0.6549
CMYK	0.00, 0.60, 0.60, 0.15
HSL	0°, 64%, 60%
HSV	0°, 60%, 85%
XYZ	34.1646, 22.5895, 11.7920
YIQ	126.8700, 77.4800, 27.5600

# Conversions

## Conversions Part 2

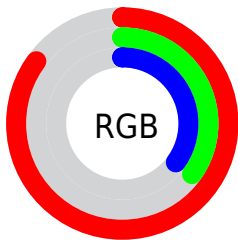
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 88, 88
Decimal	14309464
CIE <sub>Lab</sub>	54.65, 51.00, 26.47
CIE <sub>LCh</sub>	55, 57.457, 27.435
Yxy	22.5895, 0.4984, 0.3296
Android (android.graphics.Color)	4292499544 (0xFFDA5858)
YUV	126.8700, -19.1629, 79.9210
Hunter-Lab	47.5284, 45.1358, 18.5597

# Details

The Hex color **DA5858** 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 **58DADA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8E8A**, and **9D1F2B** is the 20% darker color. If you saturate the color by 10%, you get **DA4242**, and if you desaturate by 10%, it is **DA6E6E**.

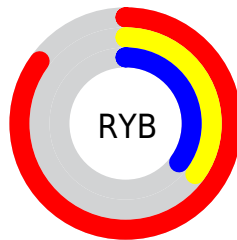
# Distribution



Red (85%)

Green (35%)

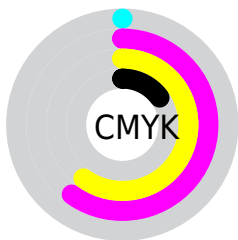
Blue (35%)



Red (85%)

Yellow (35%)

Blue (35%)

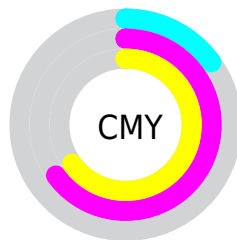


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (15%)



Cyan (15%)

Magenta (65%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA5858 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 DA5858 by changing the saturation by 10% instead.



 DA5858

 DA5858

FFFFFF

 BB3D41

 FF8E8A

 9D1F2B

 FFAAA4

 7F0016

 FFC7BF

 620000

 FFE4DB

 450000

 FFFFF8

 290001

 000000

 DA5858

 DA5858

 DA4242

 DA6E6E

 DA2C2C

 DA8484

 DA1717

 DA9999

 DA0101

 DAAFAF

 DA0000

 DAC5C5

 DADBDB

 DAF1F1

 DAFFFF

# Harmonies

## Analogous

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



D85289



DA5858



C56B2D

# Triad

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



DA5858



22964A



008AE6

# Complementary

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



DA5858



58DADA

# 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.



0095D6



DA5858



009A7D

# Square

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



DA5858



6F8D20



009AAF



7A77DB

# Rectangle

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



DA5858



AD7916



009AAF



008EE4



# Sweetspot

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



DA5858



FFD1D1



DA58DA



806363



000000



808080



# Same Dimension

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



DA5858



FF4747



DA9958



6E6363



AD0000



2E0000



# Inverse Universe

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



58DADA



47FFFF



5899DA



636E6E



00ADAD



002E2E



# Previews

## White Background



This preview shows how the Hex color DA5858 looks on a white background.

## Color Contrast Check

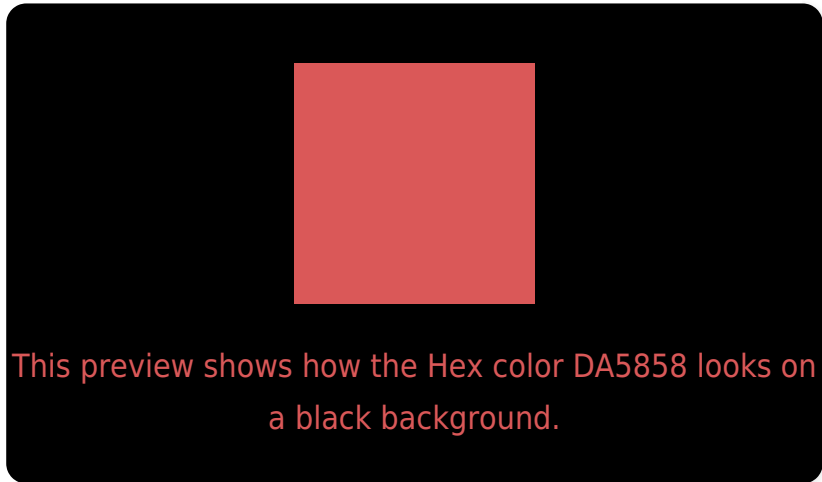
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA5858 Background



This preview shows how black text looks on a background with the Hex color DA5858.

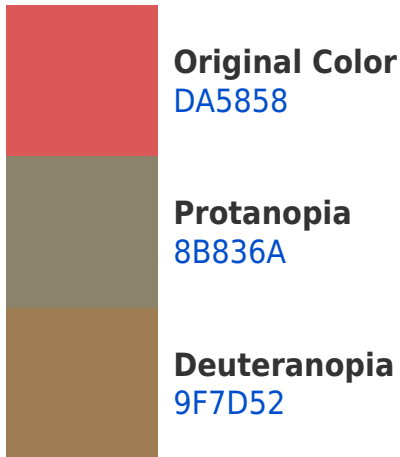


This preview shows how white text looks on a background with the Hex color DA5858.

# 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**  
DA5858

**Protanomaly**  
A87363

**Deuteranomaly**  
B47054

**Tritanomaly**  
DA575B

# Monochromacy



**Original Color**  
DA5858

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
A07171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA5858 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 #DA5858 looks like.

```
.text, #text, p{  
    color:#DA5858  
}
```

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 #DA5858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA5858
}
```

## Border

The CSS property to change the border of an element to Hex DA5858 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
#DA5858 }
```

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

```
.border{ border-color:#DA5858 }
```

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

Here you see how a box with a 4 pixel #DA5858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA5858; -webkit-box-shadow:4px 4px  
4px 4px #DA5858; box-shadow:4px 4px 4px  
4px #DA5858 }
```

# Background

The CSS property to change the background color of an element to Hex DA5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA5858 }
```

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

```
.background{ background-color:#DA5858 }
```

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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