

# Converting Colors

Hex(DA415B)

Have a look what the booklet for  
Hex(DA415B) contains.

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**Color**

**Hex(DA415B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA415B
RGB	218, 65, 91
RGB Percent	85%, 25%, 36%
CMY	0.1451, 0.7451, 0.6431
CMYK	0.00, 0.70, 0.58, 0.15
HSL	350°, 67%, 55%
HSV	350°, 70%, 85%
XYZ	32.6921, 19.4414, 11.9270
YIQ	113.7110, 82.8420, 40.5220

# Conversions

## Conversions Part 2

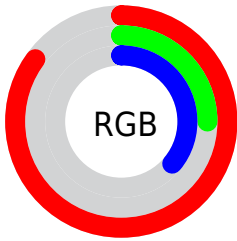
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 65, 91
Decimal	14303579
CIE Lab	51.20, 60.67, 20.17
CIE LCh	51, 63.936, 18.386
Yxy	19.4414, 0.5103, 0.3035
Android (android.graphics.Color)	4292493659 (0xFFDA415B)
YUV	113.7110, -11.1965, 91.4615
Hunter-Lab	44.0923, 55.1864, 14.8266

# Details

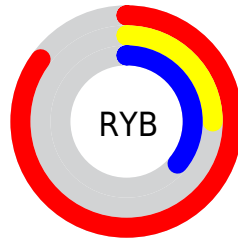
The Hex color **DA415B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **41DAC0**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7B8D**, and **9D002E** is the 20% darker color. If you saturate the color by 10%, you get **DA2B49**, and if you desaturate by 10%, it is **DA576D**.

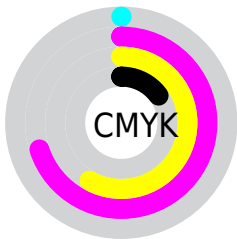
# Distribution



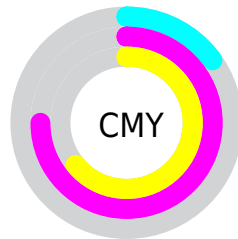
- Red (85%)
- Green (25%)
- Blue (36%)



- Red (85%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (70%)
- Yellow (58%)
- Black (15%)



- Cyan (15%)
- Magenta (75%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA415B 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 DA415B by changing the saturation by 10% instead.



 DA415B

 DA415B

FFFFFF

 BB1F44

 FF7B8D

 9D002E

 FF97A7

 7E001A

 FFB3C2

 610000

 FFD0DE

 440003

 FFEEFB

 240001

 000000

 DA415B

 DA415B

 DA2B49

 DA576D

 DA1537

 DA6D7F

 DA0025

 DA8291

 DA98A3

 DAAEB5

 DAC4C8

 DADADA

 DAEFEC

 DAFFFE

# Harmonies

## Analogous

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



D04292



DA415B



C95828

# Triad

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



DA415B



2A8C2A



0087E5

# Complementary

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



DA415B



41DAC0

# 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.



0090CB



DA415B



009162

# Square

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



DA415B



738200



00939B



4675E3

# Rectangle

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



DA415B



B26800



00939B



008BE0



# Sweetspot

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



DA415B



FFC9D3



BE41DA



806065



000000



808080



# Same Dimension

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



DA415B



FF294D



DA7141



6E6365



AD001D



2E0008



# Inverse Universe

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



DA415B



FF294D



41AADA



6E6365



AD001D

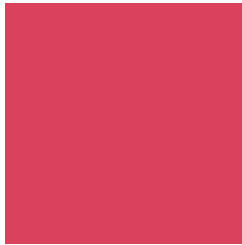


2E0008



# Previews

## White Background



This preview shows how the Hex color DA415B looks on a white background.

## Color Contrast Check

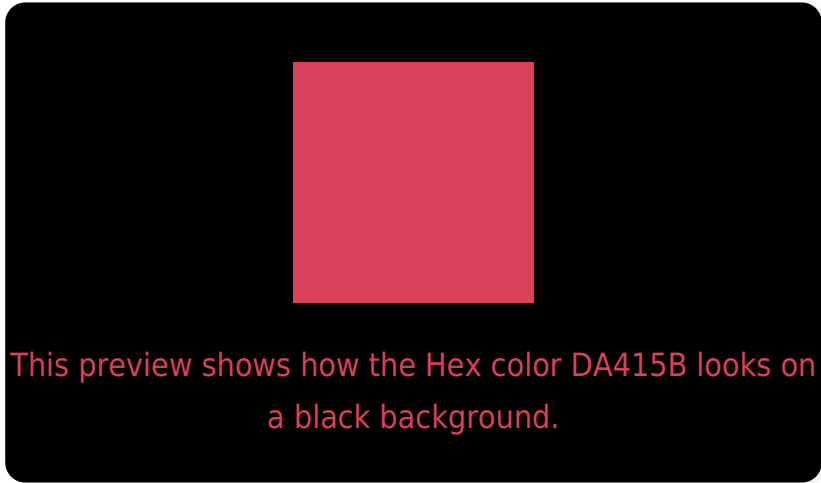
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA415B Background



This preview shows how black text looks on a background with the Hex color DA415B.



This preview shows how white text looks on a background with the Hex color DA415B.

# 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



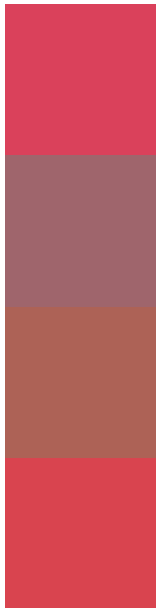
**Original Color**  
DA415B

**Protanopia**  
7E7A76

**Deuteranopia**  
937553



# Trichromacy



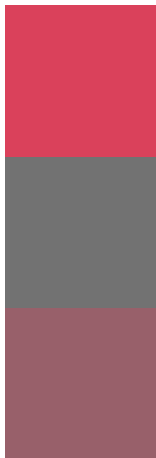
**Original Color**  
DA415B

**Protanomaly**  
9F656C

**Deuteranomaly**  
AD6256

**Tritanomaly**  
D9444F

# Monochromacy



**Original Color**  
DA415B

**Achromatopsia**  
727272

**Achromatomaly**  
98606A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA415B 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 #DA415B looks like.

```
.text, #text, p{  
    color:#DA415B  
}
```

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 #DA415B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA415B
}
```

## Border

The CSS property to change the border of an element to Hex DA415B 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
#DA415B }
```

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

```
.border{ border-color:#DA415B }
```

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

Here you see how a box with a 4 pixel #DA415B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA415B; -webkit-box-shadow:4px 4px  
4px 4px #DA415B; box-shadow:4px 4px 4px  
4px #DA415B }
```

# Background

The CSS property to change the background color of an element to Hex DA415B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA415B }
```

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

```
.background{ background-color:#DA415B }
```

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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