

Converting Colors

Hex(DA3C45)

Have a look what the booklet for
Hex(DA3C45) contains.

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Color

Hex(DA3C45)

Conversions

Conversions Part 1

Format	Color
Hex	DA3C45
RGB	218, 60, 69
RGB Percent	85%, 24%, 27%
CMY	0.1451, 0.7647, 0.7294
CMYK	0.00, 0.72, 0.68, 0.15
HSL	357°, 68%, 55%
HSV	357°, 72%, 85%
XYZ	31.6035, 18.5668, 7.5483
YIQ	108.2680, 91.2790, 36.2950

Conversions

Conversions Part 2

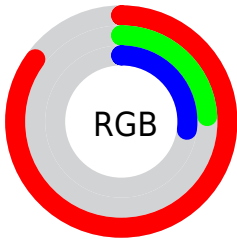
Format	Color
RYB	218, 60, 69
Decimal	14302277
CIELab	50.18, 61.15, 31.94
CIElCh	50, 68.987, 27.578
Yxy	18.5668, 0.5475, 0.3217
Android (android.graphics.Color)	4292492357 (0xFFDA3C45)
YUV	108.2680, -19.3591, 96.2350
Hunter-Lab	43.0892, 55.5134, 19.7761

Details

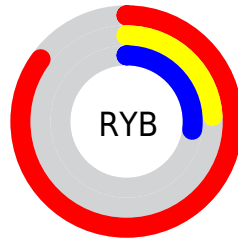
The Hex color **DA3C45** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3CDAD1**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7675**, and **9B001A** is the 20% darker color. If you saturate the color by 10%, you get **DA2630**, and if you desaturate by 10%, it is **DA525A**.

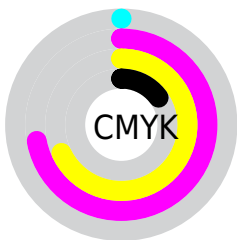
Distribution



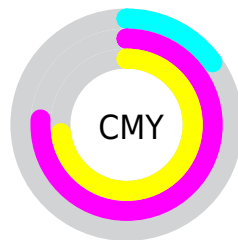
- Red (85%)
- Green (24%)
- Blue (27%)



- Red (85%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (72%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA3C45 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 DA3C45 by changing the saturation by 10% instead.

 DA3C45

 DA3C45

FFFFFF

 BB182F

 FF7675

 9B001A

 FF928F

 7D0001

 FFAFA9

 5E0000

 FFCCC5

 420003

 FFE9E1

 210001

FFFFFFD

 000000

 DA3C45

 DA3C45

 DA2630

 DA525A

 DA101C

 DA686E

 DA000C

 DA7D83

 DA9397

 DAA9AC

 DABFC0

 DAD5D5

 DAEAE9

 DAFFFE

Harmonies

Analogous

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



DA307F



DA3C45



C05A05

Triad

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



DA3C45



008D33



0080EE

Complementary

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



DA3C45



3CDAD1

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.



008DDB



DA3C45



009171

Square

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



DA3C45



5B8400



0091AC



676AE1

Rectangle

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



DA3C45



A46C00



0091AC



0085EB

Sweetspot

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



DA3C45



FFC7CA



CF3CDA



805E60



000000



808080

Same Dimension

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



DA3C45



FF212E



DA803C



6E6363



AD000A



2E0003

Inverse Universe

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



DA3C45



FF212E



3C96DA



6E6363



AD000A



2E0003

Previews

White Background



This preview shows how the Hex color DA3C45 looks on a white background.

Color Contrast Check

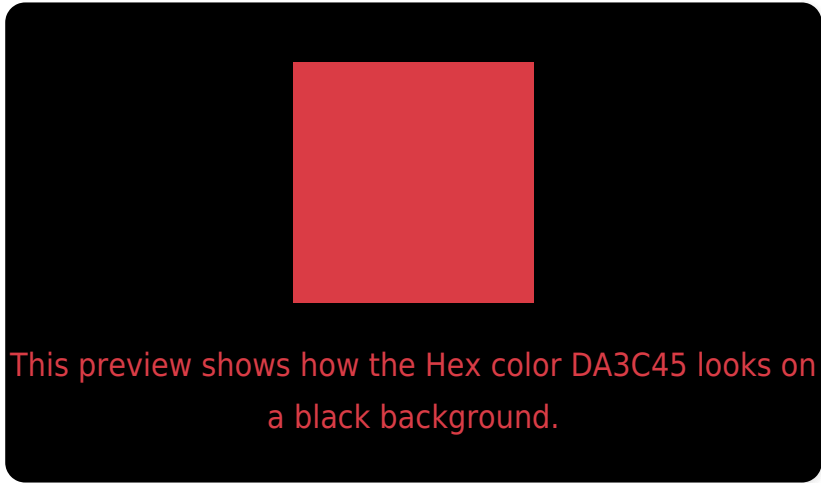
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA3C45 Background



This preview shows how black text looks on a background with the Hex color DA3C45.



This preview shows how white text looks on a background with the Hex color DA3C45.

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

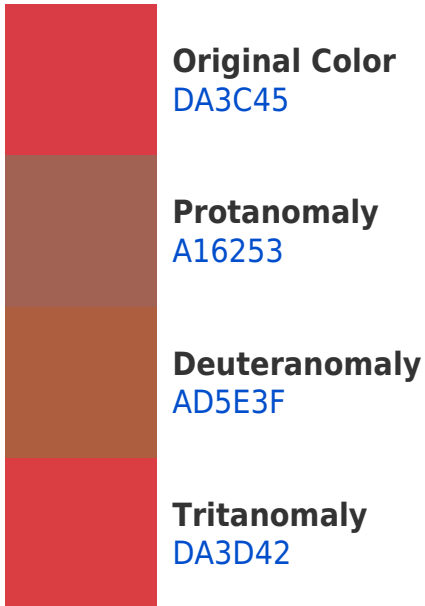


Original Color
DA3C45

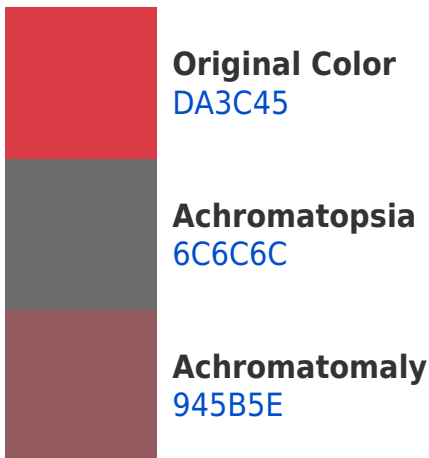
Protanopia
80785B

Deuteranopia
94723C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA3C45 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 #DA3C45 looks like.

```
.text, #text, p{  
    color:#DA3C45  
}
```

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 #DA3C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA3C45 }  
}
```

Border

The CSS property to change the border of an element to Hex DA3C45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

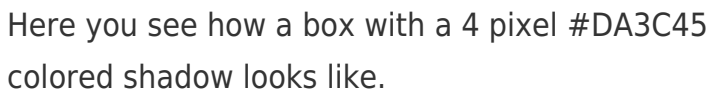
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #DA3C45 }  
}
```

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

```
.border{ border-color:#DA3C45 }
```

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



Here you see how a box with a 4 pixel #DA3C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA3C45; -webkit-box-shadow:4px 4px  
4px 4px #DA3C45; box-shadow:4px 4px 4px  
4px #DA3C45 }
```

Background

The CSS property to change the background color of an element to Hex DA3C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA3C45 }
```

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

```
.background{ background-color:#DA3C45 }
```

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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