

Converting Colors

Hex(DA2E47)

Have a look what the booklet for
Hex(DA2E47) contains.

Hex(DA2E47)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DA2E47)

Conversions

Conversions Part 1

Format	Color
Hex	DA2E47
RGB	218, 46, 71
RGB Percent	85%, 18%, 28%
CMY	0.1451, 0.8196, 0.7216
CMYK	0.00, 0.79, 0.67, 0.15
HSL	351°, 70%, 52%
HSV	351°, 79%, 85%
XYZ	31.0278, 17.3143, 7.6679
YIQ	100.2780, 94.4870, 44.2390

Conversions

Conversions Part 2

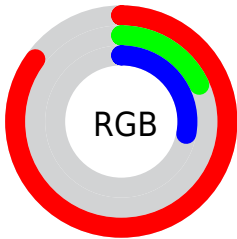
Format	Color
RYB	218, 46, 71
Decimal	14298695
CIELab	48.65, 65.60, 28.88
CIELCh	49, 71.673, 23.763
Yxy	17.3143, 0.5540, 0.3091
Android (android.graphics.Color)	4292488775 (0xFFDA2E47)
YUV	100.2780, -14.4341, 103.2422
Hunter-Lab	41.6105, 60.2839, 18.2015

Details

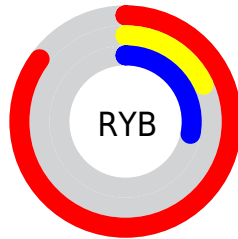
The Hex color **DA2E47** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2EDAC1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6C77**, and **9B001C** is the 20% darker color. If you saturate the color by 10%, you get **DA1834**, and if you desaturate by 10%, it is **DA445A**.

Distribution



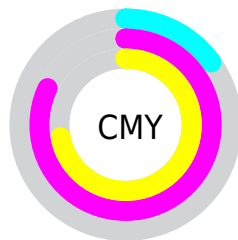
- Red (85%)
- Green (18%)
- Blue (28%)



- Red (85%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (79%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA2E47 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 DA2E47 by changing the saturation by 10% instead.

 DA2E47

 DA2E47

FFFFFF

 BA0031

 FF6C77

 9B001C

 FF8991

 7C0004

 FFA6AB

 5D0001

 FFC3C7

 410003

 FFE1E3

 1E0001

FFFEFF

 000000

 DA2E47

 DA2E47

 DA1834

 DA445A

 DA0222

 DA5A6C

 DA0020

 DA6F7F

 DA8592

 DA9BA4

 DAB1B7

 DAC7C9

 DADCDC

 DAF2EF

Harmonies

Analogous

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



D62583



DA2E47



C25103

Triad

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



DA2E47



008823



007FED

Complementary

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



DA2E47



2EDAC1

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.



008AD5



DA2E47



008D65

Square

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



DA2E47



5E7F00



008EA3



4D69E4

Rectangle

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



DA2E47



A76500



008EA3



0084E9

Sweetspot

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



DA2E47



FFC2CB



C02EDA



805B60



000000



808080

Same Dimension

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



DA2E47



FF0D30



DA6A2E



6E6364



AD0019



2E0007

Inverse Universe

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



DA2E47



FF0D30



2E9EDA



6E6364



AD0019



2E0007

Previews

White Background



This preview shows how the Hex color DA2E47 looks on a white background.

Color Contrast Check

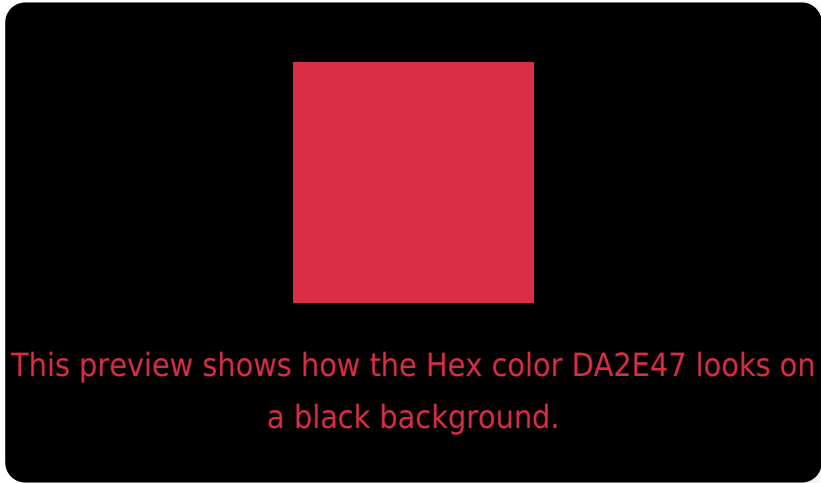
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DA2E47 Background



This preview shows how black text looks on a background with the Hex color DA2E47.



This preview shows how white text looks on a background with the Hex color DA2E47.

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
DA2E47

Protanopia
7B7462

Deuteranopia
8F6F3E



Tritanopia
D93233

Trichromacy



Original Color
DA2E47

Protanomaly
9E5B58

Deuteranomaly
AA5741

Tritanomaly
D9313A

Monochromacy



Original Color
DA2E47

Achromatopsia
646464

Achromatomaly
8F5059

CSS Examples

Text

The CSS property to change the color of the text to Hex DA2E47 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 #DA2E47 looks like.

```
.text, #text, p{  
    color:#DA2E47  
}
```

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 #DA2E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA2E47
}
```

Border

The CSS property to change the border of an element to Hex DA2E47 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
#DA2E47 }
```

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

```
.border{ border-color:#DA2E47 }
```

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

Here you see how a box with a 4 pixel #DA2E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA2E47; -webkit-box-shadow:4px 4px  
4px 4px #DA2E47; box-shadow:4px 4px 4px  
4px #DA2E47 }
```

Background

The CSS property to change the background color of an element to Hex DA2E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA2E47 }
```

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

```
.background{ background-color:#DA2E47 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor