

Converting Colors

Hex(DB474A)

Have a look what the booklet for
Hex(DB474A) contains.

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Color

Hex(DB474A)

Conversions

Conversions Part 1

Format	Color
Hex	DB474A
RGB	219, 71, 74
RGB Percent	86%, 28%, 29%
CMY	0.1412, 0.7216, 0.7098
CMYK	0.00, 0.68, 0.66, 0.14
HSL	359°, 67%, 57%
HSV	359°, 68%, 86%
XYZ	32.7027, 20.0610, 8.6271
YIQ	115.5940, 87.2450, 32.3090

Conversions

Conversions Part 2

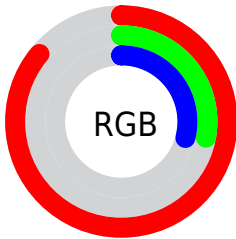
Format	Color
R_{YB}	219, 71, 74
Decimal	14370634
CIE _{Lab}	51.91, 57.66, 31.18
CIE _{LCh}	52, 65.554, 28.399
Yxy	20.0610, 0.5327, 0.3268
Android (android.graphics.Color)	4292560714 (0xFFDB474A)
YUV	115.5940, -20.5058, 90.6871
Hunter-Lab	44.7895, 51.9489, 19.9325

Details

The Hex color **DB474A** 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 **47DBD8**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7F7B**, and **9D001E** is the 20% darker color. If you saturate the color by 10%, you get **DB3135**, and if you desaturate by 10%, it is **DB5D5F**.

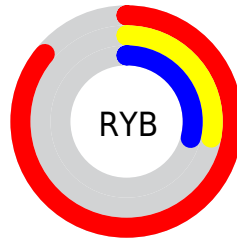
Distribution



Red (86%)

Green (28%)

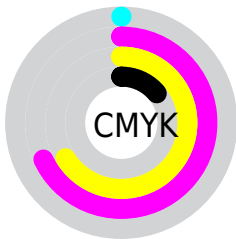
Blue (29%)



Red (86%)

Yellow (28%)

Blue (29%)

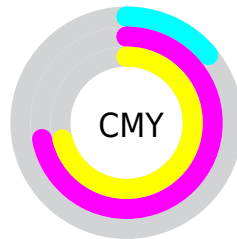


Cyan (0%)

Magenta (68%)

Yellow (66%)

Black (14%)



Cyan (14%)

Magenta (72%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB474A 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 DB474A by changing the saturation by 10% instead.

 DB474A

 DB474A

FFFFFF

 BC2833

 FF7F7B

 9D001E

 FF9B95

 7E0008

 FFB8AF

 600000

 FFD5CB

 440002

 FFF2E7

 240001

 000000

 DB474A

 DB474A

 DB3135

 DB5D5F

 DB1B1F

 DB7375

 DB050A

 DB898A

 DB0004

 DB9FA0

 DBB5B5

 DBCACB

 DBE0E0

 DBF6F6

 DBFFFF

Harmonies

Analogous

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



DB3D81



DB474A



C26114

Triad

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



DB474A



00913D



0084ED

Complementary

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



DB474A



47DBD8

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.



0090DB



DB474A



009577

Square

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



DB474A



608800



0095B0



716EDF

Rectangle

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



DB474A



A77100



0095B0



0089EA

Sweetspot

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



DB474A



FFCCCD



D647DB



806162



000000



808080

Same Dimension

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



DB474A



FF3035



DB8C47



6E6363



AD0004



2E0001

Inverse Universe

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



DB474A



FF3035



4796DB



6E6363



AD0004



2E0001

Previews

White Background



This preview shows how the Hex color DB474A looks on a white background.

Color Contrast Check

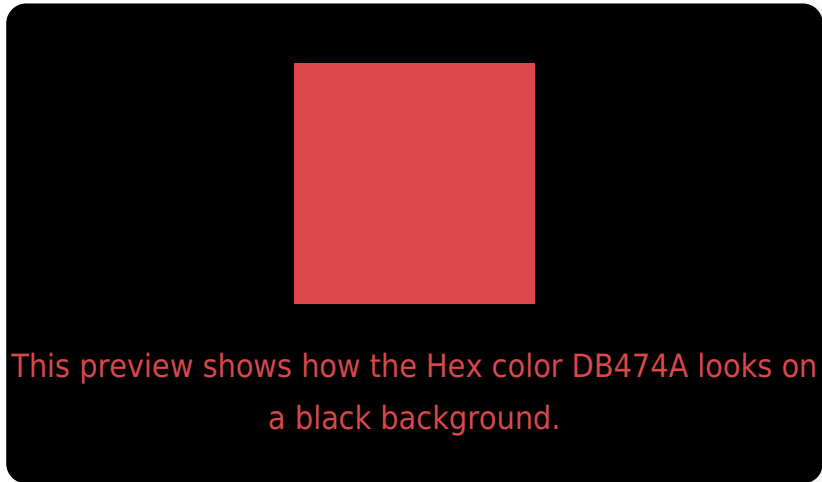
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB474A Background



This preview shows how black text looks on a background with the Hex color DB474A.



This preview shows how white text looks on a background with the Hex color DB474A.

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

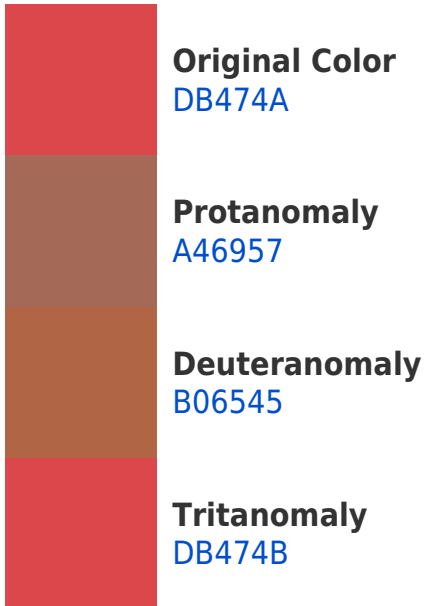


Original Color
DB474A

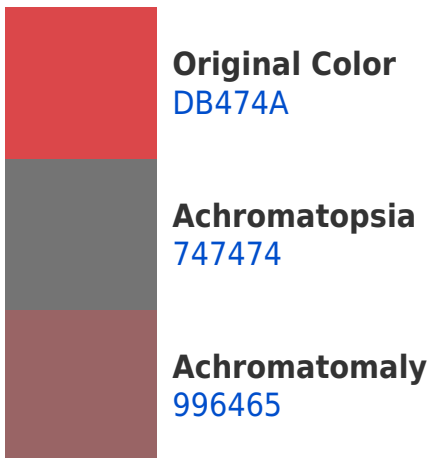
Protanopia
857C5F

Deuteranopia
987642

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB474A 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 #DB474A looks like.

```
.text, #text, p{  
    color:#DB474A  
}
```

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 #DB474A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB474A
}
```

Border

The CSS property to change the border of an element to Hex DB474A 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".

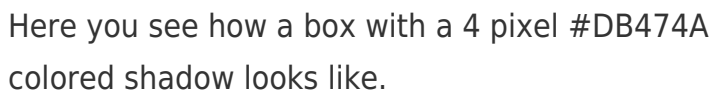
```
.border, #border, table{ border:4px solid
#DB474A }
```

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

```
.border{ border-color:#DB474A }
```

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

Here you see how a box with a 4 pixel #DB474A colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB474A; -webkit-box-shadow:4px 4px  
4px 4px #DB474A; box-shadow:4px 4px 4px  
4px #DB474A }
```

Background

The CSS property to change the background color of an element to Hex DB474A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB474A }
```

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

```
.background{ background-color:#DB474A }
```

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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