

Converting Colors

Hex(DB4257)

Have a look what the booklet for
Hex(DB4257) contains.

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Color

Hex(DB4257)

Conversions

Conversions Part 1

Format	Color
Hex	DB4257
RGB	219, 66, 87
RGB Percent	86%, 26%, 34%
CMY	0.1412, 0.7412, 0.6588
CMYK	0.00, 0.70, 0.60, 0.14
HSL	352°, 68%, 56%
HSV	352°, 70%, 86%
XYZ	32.8819, 19.6446, 11.0755
YIQ	114.1410, 84.4470, 38.9670

Conversions

Conversions Part 2

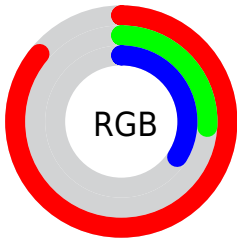
Format	Color
RYB	219, 66, 87
Decimal	14369367
CIELab	51.43, 60.34, 22.90
CIElCh	51, 64.543, 20.784
Yxy	19.6446, 0.5170, 0.3089
Android (android.graphics.Color)	4292559447 (0xFFDB4257)
YUV	114.1410, -13.3805, 91.9613
Hunter-Lab	44.3222, 54.8622, 16.2098

Details

The Hex color **DB4257** 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 **42DBC6**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7B89**, and **9D002A** is the 20% darker color. If you saturate the color by 10%, you get **DB2C44**, and if you desaturate by 10%, it is **DB586A**.

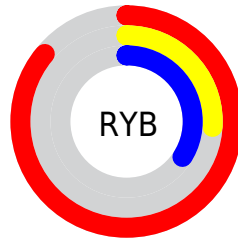
Distribution



Red (86%)

Green (26%)

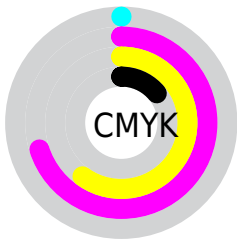
Blue (34%)



Red (86%)

Yellow (26%)

Blue (34%)

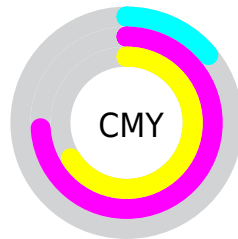


Cyan (0%)

Magenta (70%)

Yellow (60%)

Black (14%)



Cyan (14%)

Magenta (74%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4257 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 DB4257 by changing the saturation by 10% instead.

 DB4257

 DB4257

FFFFFF

 BC2140

 FF7B89

 9D002A

 FF98A3

 7F0016

 FFB4BE

 610000

 FFD1DA

 450002

 FFEFF6

 250001

 000000

 DB4257

 DB4257

 DB2C44

 DB586A

 DB1631

 DB6E7D

 DB001E

 DB8490

 DB9AA3

 DBB0B5

 DBC5C8

 DBDBDB

 DBF1EE

 DBFFFF

Harmonies

Analogous

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



D4418E



DB4257



C85A23

Triad

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



DB4257



1D8D2E



0086E8

Complementary

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



DB4257



42DBC6

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.



0090D0



DB4257



009267

Square

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



DB4257



6F8300



0093A0



5273E3

Rectangle

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



DB4257



B06B00



0093A0



008AE3

Sweetspot

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



DB4257



FFC9D1



C442DB



806064



000000



808080

Same Dimension

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



DB4257



FF2946



DB7842



6E6364



AD0018



2E0006

Inverse Universe

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



DB4257



FF2946



42A5DB



6E6364



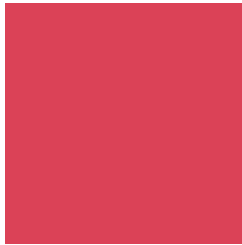
AD0018



2E0006

Previews

White Background



This preview shows how the Hex color DB4257 looks on a white background.

Color Contrast Check

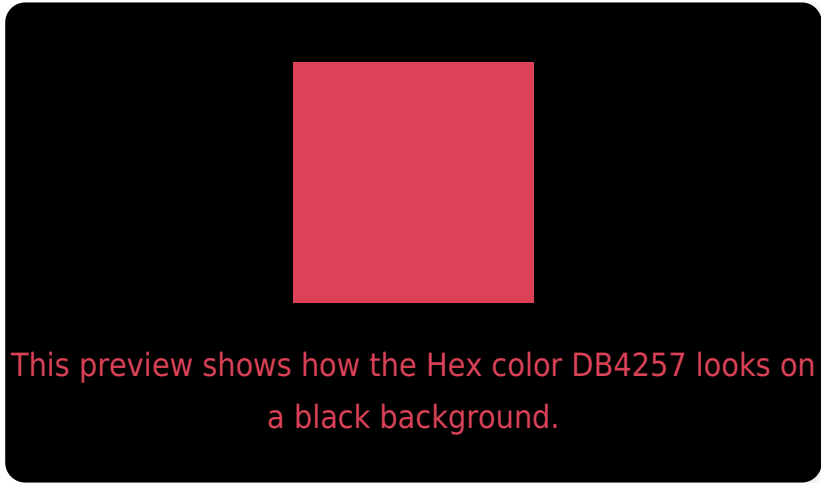
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4257 Background



This preview shows how black text looks on a background with the Hex color DB4257.

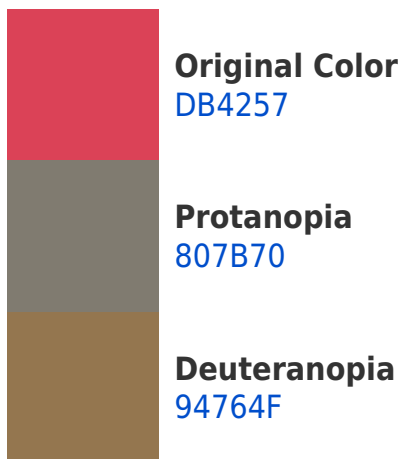


This preview shows how white text looks on a background with the Hex color DB4257.

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



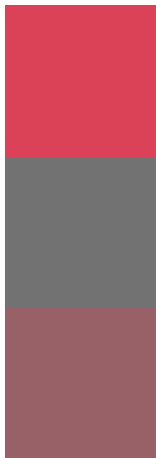
Original Color
DB4257

Protanomaly
A16667

Deuteranomaly
AE6352

Tritanomaly
DA444D

Monochromacy



Original Color
DB4257

Achromatopsia
727272

Achromatomaly
986168

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4257 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 #DB4257 looks like.

```
.text, #text, p{  
    color:#DB4257  
}
```

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 #DB4257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4257
}
```

Border

The CSS property to change the border of an element to Hex DB4257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

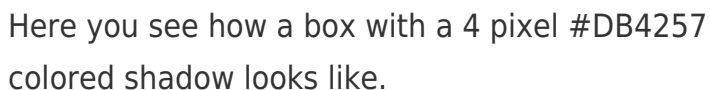
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB4257 }
```

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

```
.border{ border-color:#DB4257 }
```

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



Here you see how a box with a 4 pixel #DB4257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4257; -webkit-box-shadow:4px 4px  
4px 4px #DB4257; box-shadow:4px 4px 4px  
4px #DB4257 }
```

Background

The CSS property to change the background color of an element to Hex DB4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4257 }
```

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

```
.background{ background-color:#DB4257 }
```

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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