

Converting Colors

Hex(DB4256)

Have a look what the booklet for
Hex(DB4256) contains.

Hex(DB4256)	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(DB4256)

Conversions

Conversions Part 1

Format	Color
Hex	DB4256
RGB	219, 66, 86
RGB Percent	86%, 26%, 34%
CMY	0.1412, 0.7412, 0.6627
CMYK	0.00, 0.70, 0.61, 0.14
HSL	352°, 68%, 56%
HSV	352°, 70%, 86%
XYZ	32.8413, 19.6284, 10.8618
YIQ	114.0270, 84.7680, 38.6560

Conversions

Conversions Part 2

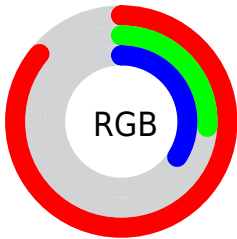
Format	Color
RYB	219, 66, 86
Decimal	14369366
CIELab	51.41, 60.28, 23.48
CIElCh	51, 64.688, 21.278
Yxy	19.6284, 0.5186, 0.3099
Android (android.graphics.Color)	4292559446 (0xFFDB4256)
YUV	114.0270, -13.8173, 92.0613
Hunter-Lab	44.3039, 54.7855, 16.4769

Details

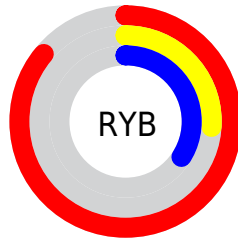
The Hex color **DB4256** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **42DBC7**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7B88**, and **9D0029** is the 20% darker color. If you saturate the color by 10%, you get **DB2C43**, and if you desaturate by 10%, it is **DB5869**.

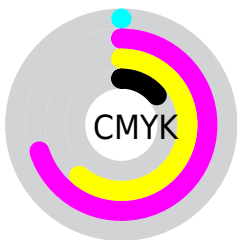
Distribution



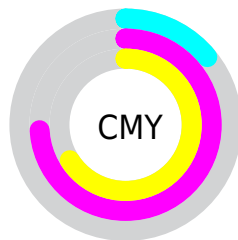
- Red (86%)
- Green (26%)
- Blue (34%)



- Red (86%)
- Yellow (26%)
- Blue (34%)



- Cyan (0%)
- Magenta (70%)
- Yellow (61%)
- Black (14%)



- Cyan (14%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4256 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 DB4256 by changing the saturation by 10% instead.

 DB4256

 DB4256

FFFFFF

 BC213F

 FF7B88

 9D0029

 FF98A2

 7F0015

 FFB4BD

 610000

 FFD1D8

 450002

 FFEFF5

 250001

 000000

 DB4256

 DB4256

 DB2C43

 DB5869

 DB1630

 DB6E7C

 DB001D

 DB848F

 DB9AA2

 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.



D4408D



DB4256



C75A22

Triad

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



DB4256



198E2F



0086E8

Complementary

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



DB4256



42DBC7

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



DB4256



009268

Square

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



DB4256



6E8300



0093A1



5473E2

Rectangle

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



DB4256



AF6B00



0093A1



008AE4

Sweetspot

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



DB4256



FFC9D0



C742DB



806064



000000



808080

Same Dimension

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



DB4256



FF2945



DB7A42



6E6364



AD0017



2E0006

Inverse Universe

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



DB4256



FF2945



42A3DB



6E6364



AD0017



2E0006

Previews

White Background



This preview shows how the Hex color DB4256 looks on a white background.

Color Contrast Check

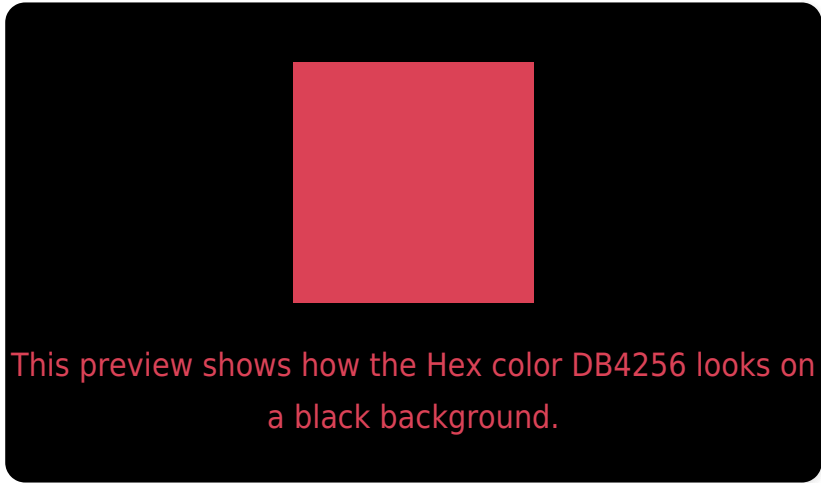
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4256 Background



This preview shows how black text looks on a background with the Hex color DB4256.

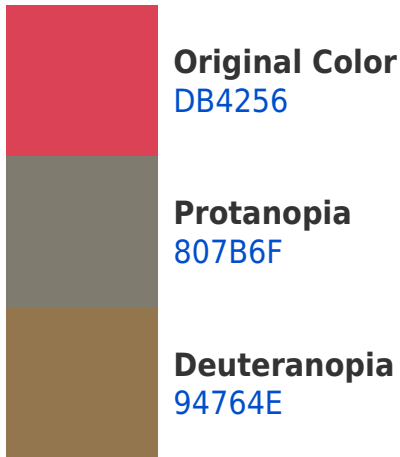


This preview shows how white text looks on a background with the Hex color DB4256.

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



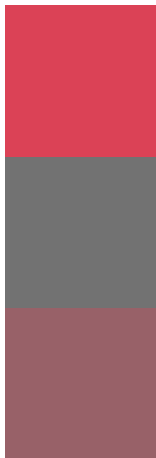
Original Color
DB4256

Protanomaly
A16666

Deuteranomaly
AE6351

Tritanomaly
DA444D

Monochromacy



Original Color
DB4256

Achromatopsia
727272

Achromatomaly
986168

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4256 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 #DB4256 looks like.

```
.text, #text, p{  
    color:#DB4256  
}
```

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 #DB4256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4256
}
```

Border

The CSS property to change the border of an element to Hex DB4256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

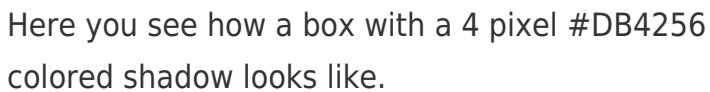
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB4256 }
```

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

```
.border{ border-color:#DB4256 }
```

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



Here you see how a box with a 4 pixel #DB4256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4256; -webkit-box-shadow:4px 4px  
4px 4px #DB4256; box-shadow:4px 4px 4px  
4px #DB4256 }
```

Background

The CSS property to change the background color of an element to Hex DB4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4256 }
```

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

```
.background{ background-color:#DB4256 }
```

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