

Converting Colors

Hex(DB3056)

Have a look what the booklet for
Hex(DB3056) contains.

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Color

Hex(DB3056)

Conversions

Conversions Part 1

Format	Color
Hex	DB3056
RGB	219, 48, 86
RGB Percent	86%, 19%, 34%
CMY	0.1412, 0.8118, 0.6627
CMYK	0.00, 0.78, 0.61, 0.14
HSL	347°, 70%, 52%
HSV	347°, 78%, 86%
XYZ	31.9501, 17.8459, 10.5647
YIQ	103.4610, 89.7180, 48.0700

Conversions

Conversions Part 2

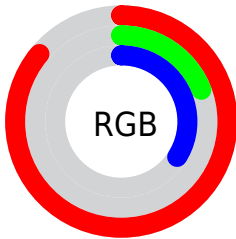
Format	Color
RYB	219, 48, 86
Decimal	14364758
CIELab	49.31, 66.15, 20.70
CIElCh	49, 69.314, 17.374
Yxy	17.8459, 0.5293, 0.2957
Android (android.graphics.Color)	4292554838 (0xFFDB3056)
YUV	103.4610, -8.6083, 101.3277
Hunter-Lab	42.2444, 61.0748, 14.7434

Details

The Hex color **DB3056** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark muted red. A complement of this color would be **30DBB5**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6E87**, and **9D0029** is the 20% darker color. If you saturate the color by 10%, you get **DB1A45**, and if you desaturate by 10%, it is **DB4667**.

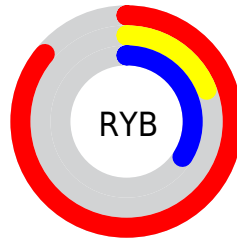
Distribution



Red (86%)

Green (19%)

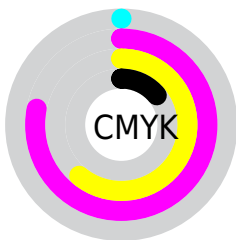
Blue (34%)



Red (86%)

Yellow (19%)

Blue (34%)

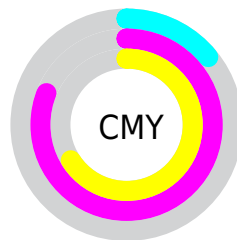


Cyan (0%)

Magenta (78%)

Yellow (61%)

Black (14%)



Cyan (14%)

Magenta (81%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3056 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 DB3056 by changing the saturation by 10% instead.

 DB3056

 DB3056

FFFFFF

 BC003F

 FF6E87

 9D0029

 FF8BA2

 7E0016

 FFA8BC

 600001

 FFC5D8

 430003

 FFE3F5

 220001

 000000

 DB3056

 DB3056

 DB1A45

 DB4667

 DB0434

 DB5C78

 DB0031

 DB7289

 DB889A

 DB9DAB

 DBB3BC

 DBC9CD

 DBDFDE

 DBF5EF

Harmonies

Analogous

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



D03391



DB3056



C94D1D

Triad

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



DB3056



168819



0083E9

Complementary

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



DB3056



30DBB5

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.



008DCB



DB3056



008D59

Square

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



DB3056



6E7D00



008F97



2571E7

Rectangle

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



DB3056



B16100



008F97



0087E2

Sweetspot

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



DB3056



FFC4D1



B330DB



805C64



000000



808080

Same Dimension

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



DB3056



FF0F45



DB5E30



6E6365



AD0027



2E000A

Inverse Universe

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



DB3056



FF0F45



30ADD8



6E6365



AD0027



2E000A

Previews

White Background



This preview shows how the Hex color DB3056 looks on a white background.

Color Contrast Check

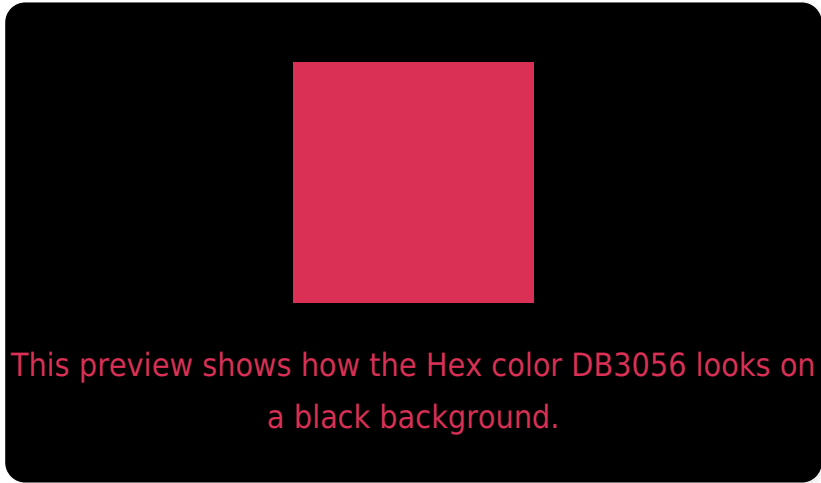
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 DB3056 Background



This preview shows how black text looks on a background with the Hex color DB3056.

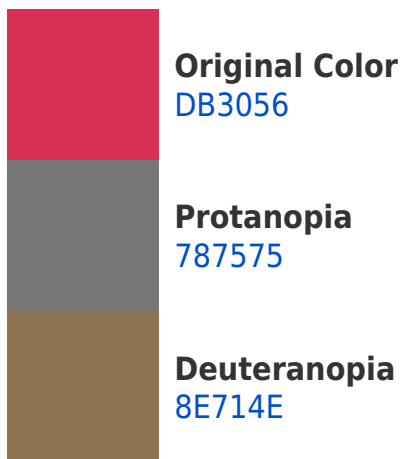


This preview shows how white text looks on a background with the Hex color DB3056.

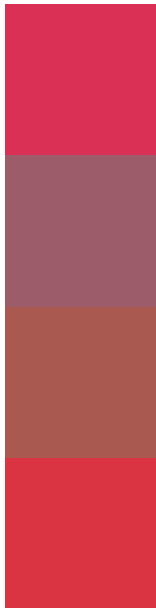
Color Blindness Simulation

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



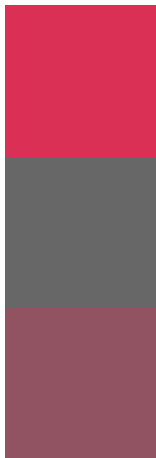
Original Color
DB3056

Protanomaly
9C5C6A

Deuteranomaly
AA5951

Tritanomaly
DA3443

Monochromacy



Original Color
DB3056

Achromatopsia
676767

Achromatomaly
915361

CSS Examples

Text

The CSS property to change the color of the text to Hex DB3056 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 #DB3056 looks like.

```
.text, #text, p{  
    color:#DB3056  
}
```

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 #DB3056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3056
}
```

Border

The CSS property to change the border of an element to Hex DB3056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

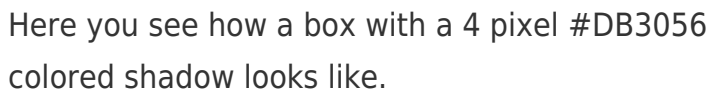
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB3056 }
```

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

```
.border{ border-color:#DB3056 }
```

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



Here you see how a box with a 4 pixel #DB3056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3056; -webkit-box-shadow:4px 4px  
4px 4px #DB3056; box-shadow:4px 4px 4px  
4px #DB3056 }
```

Background

The CSS property to change the background color of an element to Hex DB3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3056 }
```

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

```
.background{ background-color:#DB3056 }
```

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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