

Converting Colors

Hex(DB3161)

Have a look what the booklet for
Hex(DB3161) contains.

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Color

Hex(DB3161)

Conversions

Conversions Part 1

Format	Color
Hex	DB3161
RGB	219, 49, 97
RGB Percent	86%, 19%, 38%
CMY	0.1412, 0.8078, 0.6196
CMYK	0.00, 0.78, 0.56, 0.14
HSL	343°, 70%, 53%
HSV	343°, 78%, 86%
XYZ	32.4694, 18.1198, 13.0954
YIQ	105.3020, 85.9120, 50.9680

Conversions

Conversions Part 2

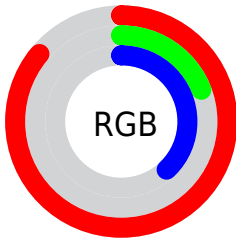
Format	Color
RYB	219, 49, 97
Decimal	14365025
CIELab	49.64, 66.59, 14.45
CIELCh	50, 68.143, 12.244
Yxy	18.1198, 0.5098, 0.2845
Android (android.graphics.Color)	4292555105 (0xFFDB3161)
YUV	105.3020, -4.0929, 99.7131
Hunter-Lab	42.5673, 61.6630, 11.5572

Details

The Hex color **DB3161** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **31DBAB**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6F93**, and **9D0033** is the 20% darker color. If you saturate the color by 10%, you get **DB1B51**, and if you desaturate by 10%, it is **DB4771**.

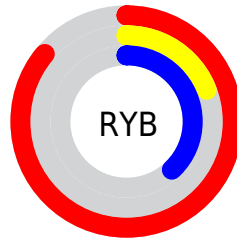
Distribution



Red (86%)

Green (19%)

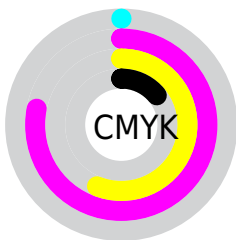
Blue (38%)



Red (86%)

Yellow (19%)

Blue (38%)

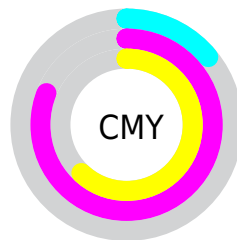


Cyan (0%)

Magenta (78%)

Yellow (56%)

Black (14%)



Cyan (14%)

Magenta (81%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3161 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 DB3161 by changing the saturation by 10% instead.

 DB3161

 DB3161

FFFFFF

 BC0049

 FF6F93

 9D0033

 FF8CAE

 7F001F

 FFA9C9

 610006

 FFC6E5

 450003

 FFE4FF

 240001

 000000

 DB3161

 DB3161

 DB1B51

 DB4771

 DB0542

 DB5D80

 DB003E

 DB7390

 DB89A0

 DB9FB0

 DBB4BF

 DBCACF

 DBE0DF

 DBF6EE

Harmonies

Analogous

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



CB3B9B



DB3161



CD4A2A

Triad

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



DB3161



33870D



0086E5

Complementary

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



DB3161



31DBAB

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.



008EC3



DB3161



008D50

Square

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



DB3161



797B00



00908D



0075E8

Rectangle

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



DB3161



B85E00



00908D



008ADD

Sweetspot

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



DB3161



FFC4D5



AB31DB



805C66



000000



808080

Same Dimension

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



DB3161



FF1255



DB5631



6E6366



AD0031



2E000D

Inverse Universe

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



DB3161



FF1255



31B6DB



6E6366



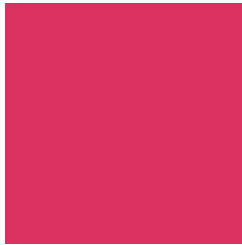
AD0031



2E000D

Previews

White Background



This preview shows how the Hex color DB3161 looks on a white background.

Color Contrast Check

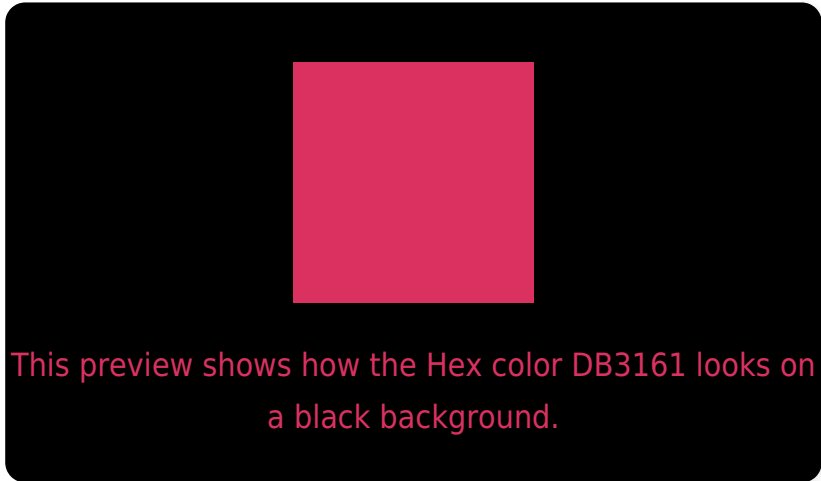
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB3161 Background



This preview shows how black text looks on a background with the Hex color DB3161.

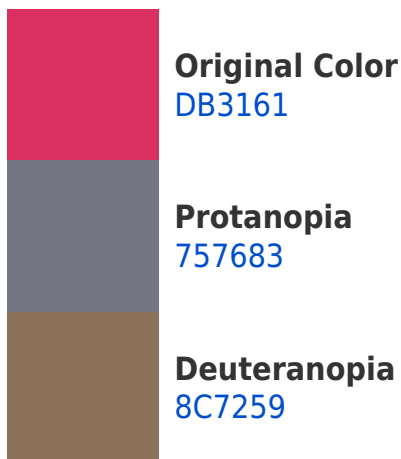


This preview shows how white text looks on a background with the Hex color DB3161.

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](#).

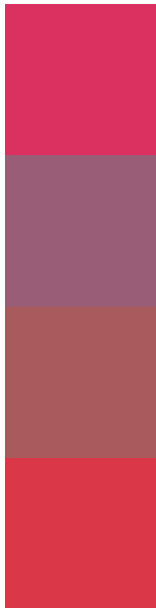
Dichromacy





Tritanopia
D93A3C

Trichromacy



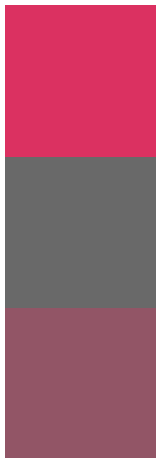
Original Color
DB3161

Protanomaly
9A5D77

Deuteranomaly
A95A5C

Tritanomaly
DA3749

Monochromacy



Original Color
DB3161

Achromatopsia
696969

Achromatomaly
925566

CSS Examples

Text

The CSS property to change the color of the text to Hex DB3161 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 #DB3161 looks like.

```
.text, #text, p{  
    color:#DB3161  
}
```

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 #DB3161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3161
}
```

Border

The CSS property to change the border of an element to Hex DB3161 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
#DB3161 }
```

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

```
.border{ border-color:#DB3161 }
```

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

Here you see how a box with a 4 pixel #DB3161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3161; -webkit-box-shadow:4px 4px  
4px 4px #DB3161; box-shadow:4px 4px 4px  
4px #DB3161 }
```

Background

The CSS property to change the background color of an element to Hex DB3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3161 }
```

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

```
.background{ background-color:#DB3161 }
```

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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