

Converting Colors

Hex(DE3161)

Have a look what the booklet for
Hex(DE3161) contains.

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Color

Hex(DE3161)

Conversions

Conversions Part 1

Format	Color
Hex	DE3161
RGB	222, 49, 97
RGB Percent	87%, 19%, 38%
CMY	0.1294, 0.8078, 0.6196
CMYK	0.00, 0.78, 0.56, 0.13
HSL	343°, 72%, 53%
HSV	343°, 78%, 87%
XYZ	33.3802, 18.5893, 13.1380
YIQ	106.1990, 87.7000, 51.6040

Conversions

Conversions Part 2

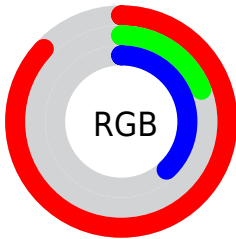
Format	Color
RYB	222, 49, 97
Decimal	14561633
CIELab	50.20, 67.41, 15.31
CIELCh	50, 69.125, 12.799
Yxy	18.5893, 0.5127, 0.2855
Android (android.graphics.Color)	4292751713 (0xFFDE3161)
YUV	106.1990, -4.5351, 101.5575
Hunter-Lab	43.1153, 62.7443, 12.1140

Details

The Hex color **DE3161** 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 **31DEAE**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6F93**, and **A00033** is the 20% darker color. If you saturate the color by 10%, you get **DE1B51**, and if you desaturate by 10%, it is **DE4771**.

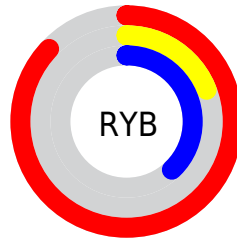
Distribution



Red (87%)

Green (19%)

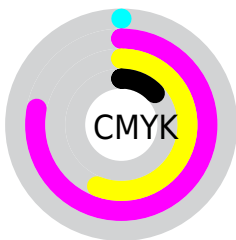
Blue (38%)



Red (87%)

Yellow (19%)

Blue (38%)

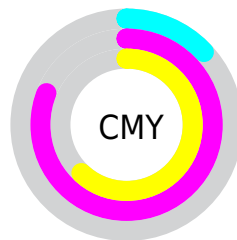


Cyan (0%)

Magenta (78%)

Yellow (56%)

Black (13%)



Cyan (13%)

Magenta (81%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE3161 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 DE3161 by changing the saturation by 10% instead.

 DE3161

 DE3161

FFFFFF

 BF0049

 FF6F93

 A00033

 FF8CAE

 81001F

 FFA9C9

 630006

 FFC7E5

 470003

 FFE4FF

 270001

 000000

 DE3161

 DE3161

 DE1B51

 DE4771

 DE0541

 DE5D81

 DE003E

 DE7491

 DE8AA1

 DEA0B1

 DEB6C1

 DECCD1

 DEE3E1

 DEF9F1

Harmonies

Analogous

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



CE3A9C



DE3161



D04B29

Triad

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



DE3161



31890E



0088E9

Complementary

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



DE3161



31DEAE

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.



0090C7



DE3161



008F52

Square

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



DE3161



797D00



009190



0076EB

Rectangle

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



DE3161



BA5F00



009190



008BE0

Sweetspot

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



DE3161



FFC4D5



AD31DE



805C66



000000



808080

Same Dimension

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



DE3161



FF0F52



DE5631



706568



B00031



30000D

Inverse Universe

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



DE3161



FF0F52



31B9DE



706568



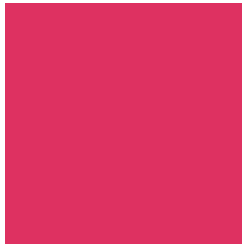
B00031



30000D

Previews

White Background



This preview shows how the Hex color DE3161 looks on a white background.

Color Contrast Check

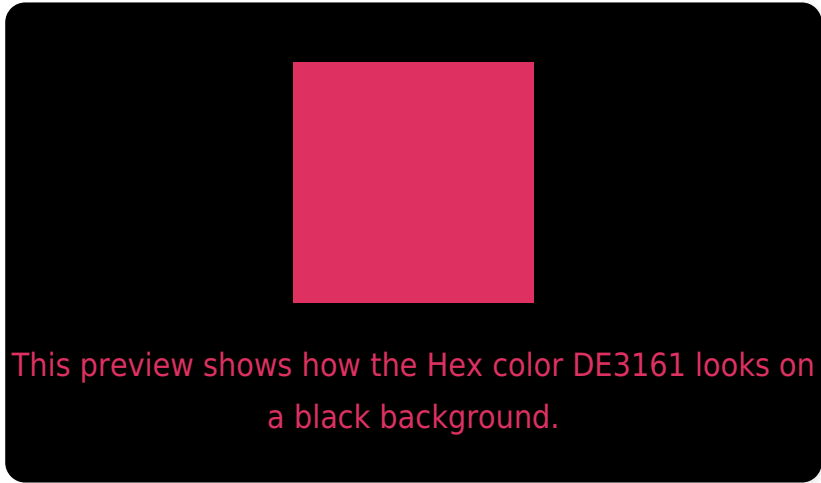
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE3161 Background



This preview shows how black text looks on a background with the Hex color DE3161.



This preview shows how white text looks on a background with the Hex color DE3161.

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

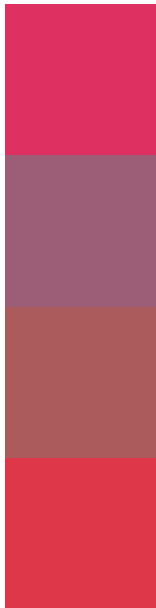


Original Color
DE3161

Protanopia
777783

Deuteranopia
8E7359

Trichromacy



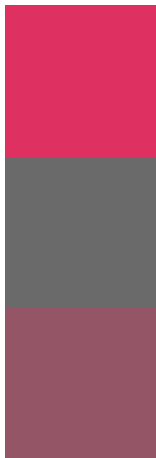
Original Color
DE3161

Protanomaly
9C5E77

Deuteranomaly
AB5B5C

Tritanomaly
DD3749

Monochromacy



Original Color
DE3161

Achromatopsia
6A6A6A

Achromatomaly
945567

CSS Examples

Text

The CSS property to change the color of the text to Hex DE3161 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 #DE3161 looks like.

```
.text, #text, p{  
    color:#DE3161  
}
```

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 #DE3161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3161
}
```

Border

The CSS property to change the border of an element to Hex DE3161 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
#DE3161 }
```

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

```
.border{ border-color:#DE3161 }
```

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

Here you see how a box with a 4 pixel #DE3161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3161; -webkit-box-shadow:4px 4px  
4px 4px #DE3161; box-shadow:4px 4px 4px  
4px #DE3161 }
```

Background

The CSS property to change the background color of an element to Hex DE3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3161 }
```

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

```
.background{ background-color:#DE3161 }
```

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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