

Converting Colors

Hex(DE3F67)

Have a look what the booklet for
Hex(DE3F67) contains.

Hex(DE3F67)	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(DE3F67)

Conversions

Conversions Part 1

Format	Color
Hex	DE3F67
RGB	222, 63, 103
RGB Percent	87%, 25%, 40%
CMY	0.1294, 0.7529, 0.5961
CMYK	0.00, 0.72, 0.54, 0.13
HSL	345°, 71%, 56%
HSV	345°, 72%, 87%
XYZ	34.3499, 20.0639, 14.8942
YIQ	115.1010, 81.9240, 46.1480

Conversions

Conversions Part 2

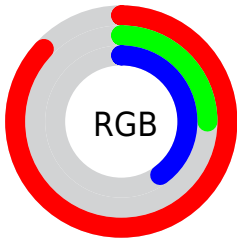
Format	Color
R_{YB}	222, 63, 103
Decimal	14565223
CIE _{Lab}	51.91, 63.44, 14.03
CIE _{LCh}	52, 64.971, 12.475
Yxy	20.0639, 0.4956, 0.2895
Android (android.graphics.Color)	4292755303 (0xFFDE3F67)
YUV	115.1010, -5.9658, 93.7504
Hunter-Lab	44.7927, 58.4978, 11.6401

Details

The Hex color **DE3F67** 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 **3FDEB6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7A9A**, and **A10039** is the 20% darker color. If you saturate the color by 10%, you get **DE2956**, and if you desaturate by 10%, it is **DE5578**.

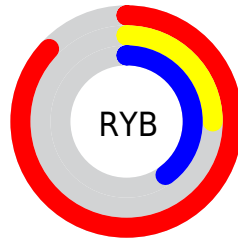
Distribution



Red (87%)

Green (25%)

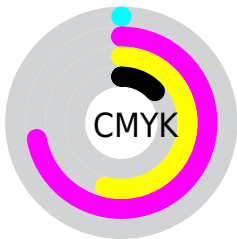
Blue (40%)



Red (87%)

Yellow (25%)

Blue (40%)

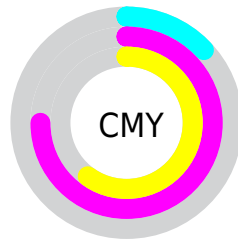


Cyan (0%)

Magenta (72%)

Yellow (54%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE3F67 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 DE3F67 by changing the saturation by 10% instead.

 DE3F67

 DE3F67

FFFFFF

 BF1B4F

 FF7A9A

 A10039

 FF96B4

 820024

 FFB3D0

 65000F

 FFD0EC

 480002

 FFE0FF

 290001

 000000

 DE3F67

 DE3F67

 DE2956

 DE5578

 DE1346

 DE6B88

 DE0038

 DE8299

 DE98A9

 DEAEBA

 DEC4CB

 DEDADB

 DEF1EC

 DEFFFD

Harmonies

Analogous

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



CE469F



DE3F67



D15332

Triad

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



DE3F67



3E8D1E



008BE6

Complementary

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



DE3F67



3FDEB6

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.



0093C6



DE3F67



009358

Square

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



DE3F67



808100



009592



0C7BE9

Rectangle

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



DE3F67



BC650C



009592



008FDE

Sweetspot

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



DE3F67



FFC9D7



B43FDE



806068



000000



808080

Same Dimension

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



DE3F67



FF245B



DE643F



706568



B0002C



30000C

Inverse Universe

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



DE3F67



FF245B



3FB9DE



706568



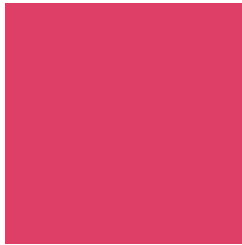
B0002C



30000C

Previews

White Background



This preview shows how the Hex color DE3F67 looks on a white background.

Color Contrast Check

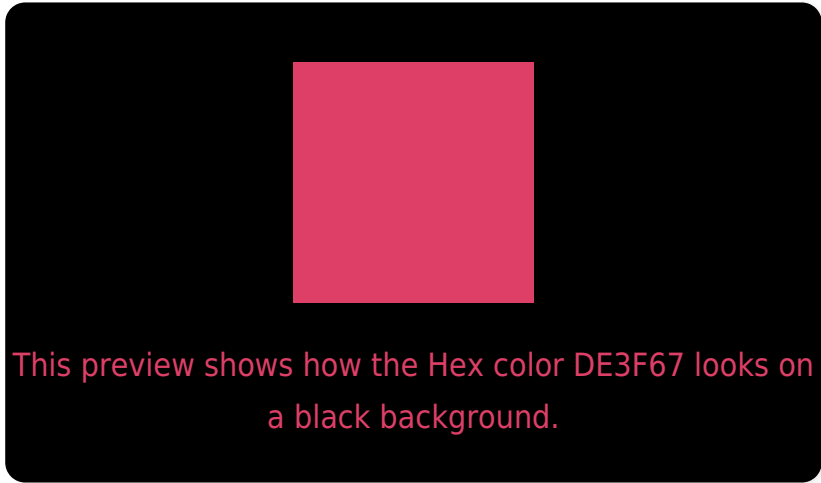
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE3F67 Background



This preview shows how black text looks on a background with the Hex color DE3F67.



This preview shows how white text looks on a background with the Hex color DE3F67.

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
DE3F67

Protanopia
7C7C86

Deuteranopia
92775F

Trichromacy



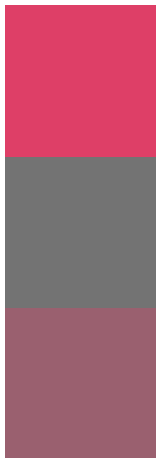
Original Color
DE3F67

Protanomaly
A0667B

Deuteranomaly
AE6362

Tritanomaly
DD4354

Monochromacy



Original Color
DE3F67

Achromatopsia
737373

Achromatomaly
9A606F

CSS Examples

Text

The CSS property to change the color of the text to Hex DE3F67 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 #DE3F67 looks like.

```
.text, #text, p{  
    color:#DE3F67  
}
```

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 #DE3F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3F67
}
```

Border

The CSS property to change the border of an element to Hex DE3F67 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
#DE3F67 }
```

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

```
.border{ border-color:#DE3F67 }
```

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

Here you see how a box with a 4 pixel #DE3F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3F67; -webkit-box-shadow:4px 4px  
4px 4px #DE3F67; box-shadow:4px 4px 4px  
4px #DE3F67 }
```

Background

The CSS property to change the background color of an element to Hex DE3F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3F67 }
```

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

```
.background{ background-color:#DE3F67 }
```

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