

Converting Colors

Hex(DE3A6E)

Have a look what the booklet for
Hex(DE3A6E) contains.

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Color

Hex(DE3A6E)

Conversions

Conversions Part 1

Format	Color
Hex	DE3A6E
RGB	222, 58, 110
RGB Percent	87%, 23%, 43%
CMY	0.1294, 0.7725, 0.5686
CMYK	0.00, 0.74, 0.50, 0.13
HSL	341°, 71%, 55%
HSV	341°, 74%, 87%
XYZ	34.4517, 19.6815, 16.7350
YIQ	112.9640, 81.0520, 50.9400

Conversions

Conversions Part 2

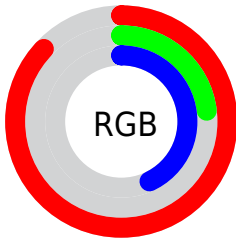
Format	Color
R_{YB}	222, 58, 110
Decimal	14563950
CIE _{Lab}	51.48, 65.66, 9.20
CIE _{LCh}	51, 66.302, 7.980
Yxy	19.6815, 0.4861, 0.2777
Android (android.graphics.Color)	4292754030 (0xFFDE3A6E)
YUV	112.9640, -1.4613, 95.6246
Hunter-Lab	44.3638, 60.9815, 8.6893

Details

The Hex color **DE3A6E** 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 **3ADEAA**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF76A1**, and **A1003F** is the 20% darker color. If you saturate the color by 10%, you get **DE245F**, and if you desaturate by 10%, it is **DE507D**.

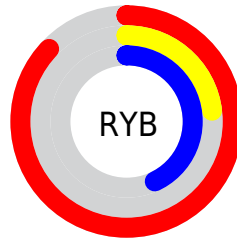
Distribution



Red (87%)

Green (23%)

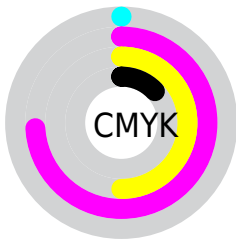
Blue (43%)



Red (87%)

Yellow (23%)

Blue (43%)

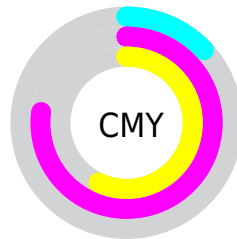


Cyan (0%)

Magenta (74%)

Yellow (50%)

Black (13%)



Cyan (13%)

Magenta (77%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE3A6E 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 DE3A6E by changing the saturation by 10% instead.

 DE3A6E

 DE3A6E

FFFFFF

 BF1156

 FF76A1

 A1003F

 FF93BC

 830029

 FFB0D8

 650015

 FFCDF4

 490003

 FFE8FF

 2A0001

 000000

 DE3A6E

 DE3A6E

 DE245F

 DE507D

 DE0E50

 DE668C

 DE0046

 DE7D9B

 DE93AB

 DEA9BA

 DEBFC9

 DED5D8

 DEECE7

 DEFFF6

Harmonies

Analogous

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



C947A6



DE3A6E



D54D38

Triad

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



DE3A6E



488A0E



008CE4

Complementary

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



DE3A6E



3ADEAA

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.



0093BF



DE3A6E



00914D

Square

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



DE3A6E



867D00



009489



007DEC

Rectangle

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



DE3A6E



C25F11



009489



008FDB

Sweetspot

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



DE3A6E



FFC7D9



A73ADE



805E69



000000



808080

Same Dimension

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



DE3A6E



FF1C64



DE553A



706569



B00038



30000F

Inverse Universe

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



DE3A6E



FF1C64



3AC3DE



706569



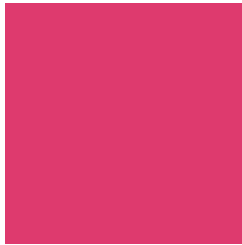
B00038



30000F

Previews

White Background



This preview shows how the Hex color DE3A6E looks on a white background.

Color Contrast Check

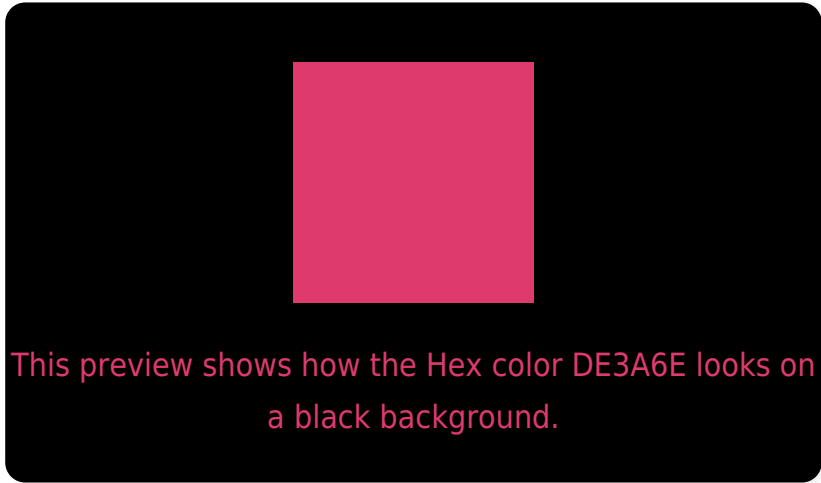
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE3A6E Background



This preview shows how black text looks on a background with the Hex color DE3A6E.

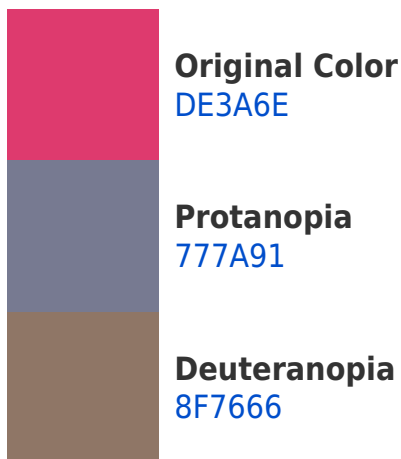


This preview shows how white text looks on a background with the Hex color DE3A6E.

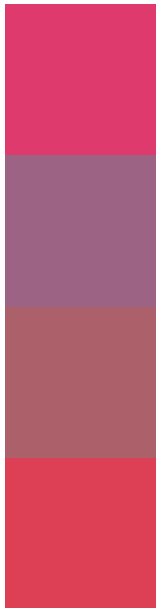
Color Blindness Simulation

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



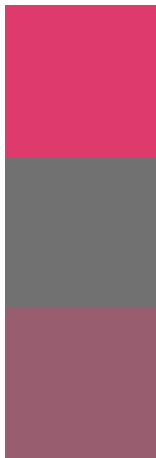
Original Color
DE3A6E

Protanomaly
9C6384

Deuteranomaly
AC6069

Tritanomaly
DD4055

Monochromacy



Original Color
DE3A6E

Achromatopsia
717171

Achromatomaly
995D70

CSS Examples

Text

The CSS property to change the color of the text to Hex DE3A6E 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 #DE3A6E looks like.

```
.text, #text, p{  
    color:#DE3A6E  
}
```

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 #DE3A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3A6E
}
```

Border

The CSS property to change the border of an element to Hex DE3A6E 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
#DE3A6E }
```

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

```
.border{ border-color:#DE3A6E }
```

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

Here you see how a box with a 4 pixel #DE3A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3A6E; -webkit-box-shadow:4px 4px  
4px 4px #DE3A6E; box-shadow:4px 4px 4px  
4px #DE3A6E }
```

Background

The CSS property to change the background color of an element to Hex DE3A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3A6E }
```

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

```
.background{ background-color:#DE3A6E }
```

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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