

Converting Colors

Hex(DE004E)

Have a look what the booklet for
Hex(DE004E) contains.

Hex(DE004E)	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(DE004E)

Conversions

Conversions Part 1

Format	Color
Hex	DE004E
RGB	222, 0, 78
RGB Percent	87%, 0%, 31%
CMY	0.1294, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.65, 0.13
HSL	339°, 100%, 44%
HSV	339°, 100%, 87%
XYZ	31.4993, 16.0797, 8.6512
YIQ	75.2700, 107.2740, 71.3220

Conversions

Conversions Part 2

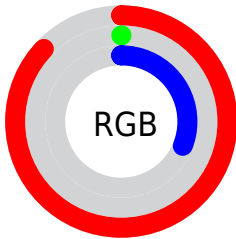
Format	Color
RYB	222, 0, 78
Decimal	14549070
CIELab	47.08, 74.12, 22.78
CIElCh	47, 77.541, 17.081
Yxy	16.0797, 0.5602, 0.2860
Android (android.graphics.Color)	4292739150 (0xFFDE004E)
YUV	75.2700, 1.3459, 128.6822
Hunter-Lab	40.0994, 70.0432, 15.2782

Details

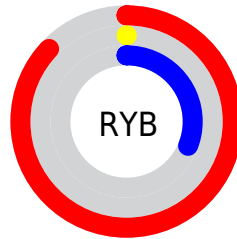
The Hex color **DE004E** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **00DE90**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B7F**, and **9E0023** is the 20% darker color. If you saturate the color by 10%, you get **DE004E**, and if you desaturate by 10%, it is **DE165C**.

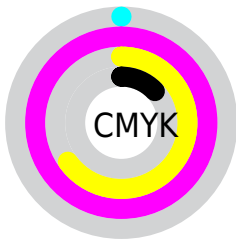
Distribution



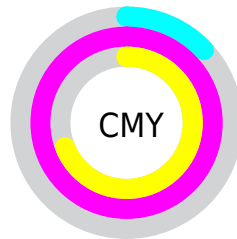
- Red (87%)
- Green (0%)
- Blue (31%)



- Red (87%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE004E 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 DE004E by changing the saturation by 10% instead.

 DE004E

 DE004E

FFFFFF

 BE0038

 FF5B7F

 9E0023

 FF7998

 7F000E

 FF97B3

 600002

 FFB5CE

 420003

 FFD3EB

 200001

 FFF1FF

 000000

 DE004E

 DE165C

 DE2C6B

 DE4379

 DE5988

 DE6F96

 DE85A4

 DE9BB3

 DEB2C1

 DEC8D0

Harmonies

Analogous

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



D30D8F



DE004E



C93F06

Triad

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



DE004E



008400



0080F0

Complementary

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



DE004E



00DE90

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.



0089CF



DE004E



008950

Square

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



DE004E



657800



008B94



006BEE

Rectangle

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



DE004E



AF5900



008B94



0084E9

Sweetspot

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



DE004E



FFB3CD



8D00DE



805262



000000



808080

Same Dimension

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



DE004E



FF005A



DE1E00



706569



B0003E



300011

Inverse Universe

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



DE004E



FF005A



00C0DE



706569



B0003E



300011

Previews

White Background



This preview shows how the Hex color DE004E looks on a white background.

Color Contrast Check

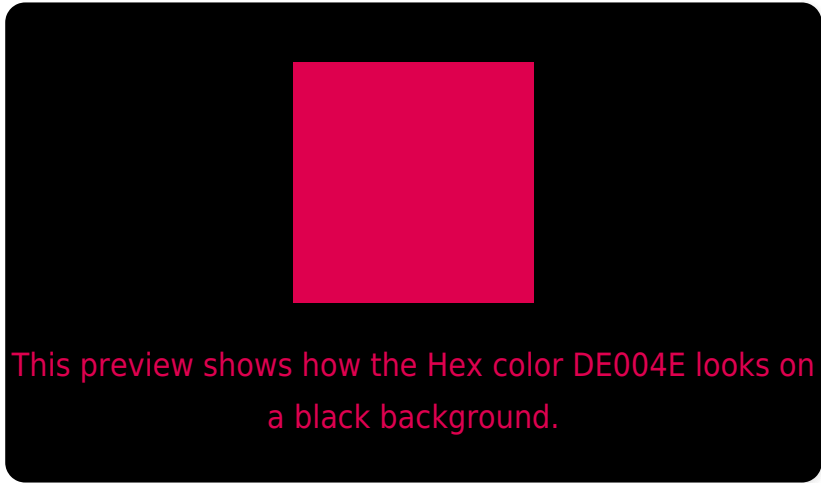
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DE004E Background



This preview shows how black text looks on a background with the Hex color DE004E.



This preview shows how white text looks on a background with the Hex color DE004E.

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
DE004E

Protanopia
737173

Deuteranopia
8A6C44



Trichromacy



Original Color
DE004E



Protanomaly
9A4866



Deuteranomaly
A94548



Tritanomaly
DD142E

Monochromacy



Original Color
DE004E



Achromatopsia
4B4B4B



Achromatomaly
80304C

CSS Examples

Text

The CSS property to change the color of the text to Hex DE004E 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 #DE004E looks like.

```
.text, #text, p{  
    color:#DE004E  
}
```

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 #DE004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE004E
}
```

Border

The CSS property to change the border of an element to Hex DE004E 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
#DE004E }
```

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

```
.border{ border-color:#DE004E }
```

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

Here you see how a box with a 4 pixel #DE004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE004E; -webkit-box-shadow:4px 4px  
4px 4px #DE004E; box-shadow:4px 4px 4px  
4px #DE004E }
```

Background

The CSS property to change the background color of an element to Hex DE004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE004E }
```

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

```
.background{ background-color:#DE004E }
```

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