

Converting Colors

Hex(DE004C)

Have a look what the booklet for
Hex(DE004C) contains.

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Color

Hex(DE004C)

Conversions

Conversions Part 1

Format	Color
Hex	DE004C
RGB	222, 0, 76
RGB Percent	87%, 0%, 30%
CMY	0.1294, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.66, 0.13
HSL	339°, 100%, 44%
HSV	339°, 100%, 87%
XYZ	31.4287, 16.0514, 8.2792
YIQ	75.0420, 107.9160, 70.7000

Conversions

Conversions Part 2

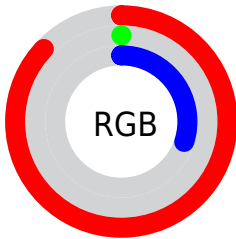
Format	Color
RYB	222, 0, 76
Decimal	14549068
CIELab	47.04, 74.02, 23.96
CIELCh	47, 77.803, 17.938
Yxy	16.0514, 0.5636, 0.2879
Android (android.graphics.Color)	4292739148 (0xFFDE004C)
YUV	75.0420, 0.4723, 128.8822
Hunter-Lab	40.0642, 69.9135, 15.7927

Details

The Hex color **DE004C** 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 **00DE92**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B7C**, and **9E0021** is the 20% darker color. If you saturate the color by 10%, you get **DE004C**, and if you desaturate by 10%, it is **DE165B**.

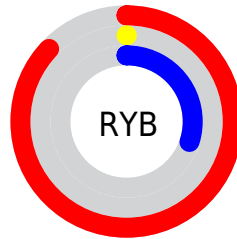
Distribution



Red (87%)

Green (0%)

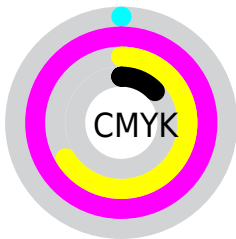
Blue (30%)



Red (87%)

Yellow (0%)

Blue (30%)

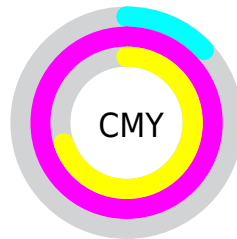


Cyan (0%)

Magenta (100%)

Yellow (66%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE004C 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 DE004C by changing the saturation by 10% instead.

 DE004C

 DE004C

FFFFFF

 BE0036

 FF5B7C

 9E0021

 FF7996

 7F000C

 FF97B1

 600002

 FFB5CC

 420003

 FFD3E8

 200001

 FFF1FF

 000000

 DE004C

 DE165B

 DE2C69

 DE4378

 DE5986

 DE6F95

 DE85A4

 DE9BB2

 DEB2C1

 DEC8CF

Harmonies

Analogous

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



D4078D



DE004C



C94002

Triad

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



DE004C



008400



007FF1

Complementary

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



DE004C



00DE92

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.



0089D1



DE004C



008952

Square

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



DE004C



637800



008B96



006AEE

Rectangle

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



DE004C



AE5900



008B96



0084EA

Sweetspot

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



DE004C



FFB3CD



9000DE



805261



000000



808080

Same Dimension

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



DE004C



FF0057



DE2100



706569



B0003C



300011

Inverse Universe

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



DE004C



FF0057



00BDDE



706569



B0003C



300011

Previews

White Background



This preview shows how the Hex color DE004C looks on a white background.

Color Contrast Check

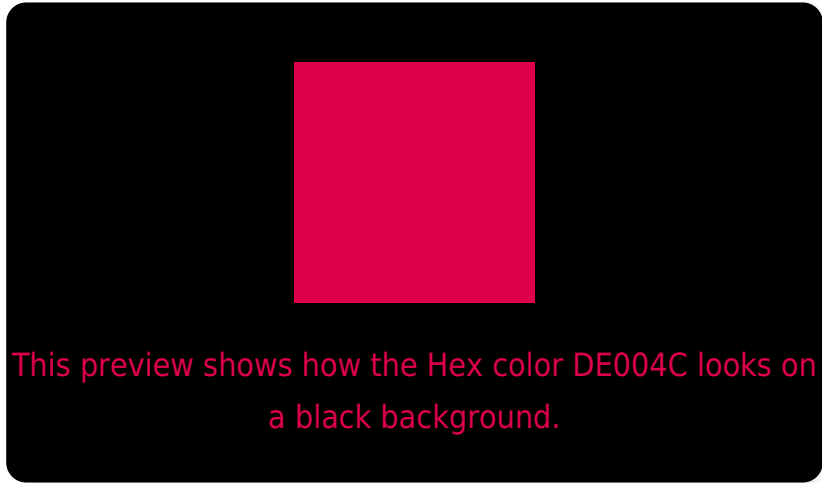
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE004C Background



This preview shows how black text looks on a background with the Hex color DE004C.

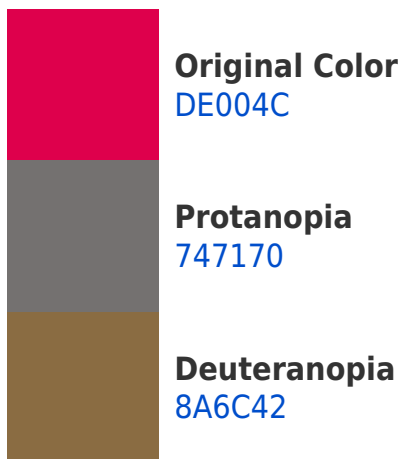


This preview shows how white text looks on a background with the Hex color DE004C.

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
DD1F1B

Trichromacy



Original Color
DE004C



Protanomaly
9B4863



Deuteranomaly
A94546



Tritanomaly
DD142D

Monochromacy



Original Color
DE004C



Achromatopsia
4B4B4B



Achromatomaly
80304B

CSS Examples

Text

The CSS property to change the color of the text to Hex DE004C 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 #DE004C looks like.

```
.text, #text, p{  
    color:#DE004C  
}
```

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 #DE004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE004C
}
```

Border

The CSS property to change the border of an element to Hex DE004C 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
#DE004C }
```

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

```
.border{ border-color:#DE004C }
```

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

Here you see how a box with a 4 pixel #DE004C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE004C; -webkit-box-shadow:4px 4px  
4px 4px #DE004C; box-shadow:4px 4px 4px  
4px #DE004C }
```

Background

The CSS property to change the background color of an element to Hex DE004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE004C }
```

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

```
.background{ background-color:#DE004C }
```

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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