

# Converting Colors

Hex(DE0246)

Have a look what the booklet for  
Hex(DE0246) contains.

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**Color**

**Hex(DE0246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE0246
RGB	222, 2, 70
RGB Percent	87%, 1%, 27%
CMY	0.1294, 0.9922, 0.7255
CMYK	0.00, 0.99, 0.68, 0.13
HSL	341°, 98%, 44%
HSV	341°, 99%, 87%
XYZ	31.2514, 16.0152, 7.2385
YIQ	75.5320, 109.2920, 67.7880

# Conversions

## Conversions Part 2

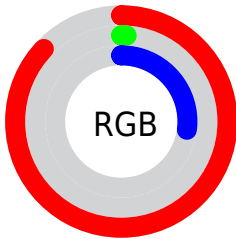
Format	Color
<a href="#">RYB</a>	<a href="#">222, 2, 70</a>
Decimal	<a href="#">14549574</a>
CIELab	<a href="#">46.99, 73.57, 27.59</a>
CIElCh	<a href="#">47, 78.577, 20.557</a>
Yxy	<a href="#">16.0152, 0.5734, 0.2938</a>
Android (android.graphics.Color)	<a href="#">4292739654</a> (0xFFDE0246)
YUV	<a href="#">75.5320, -2.7273, 128.4524</a>
Hunter-Lab	<a href="#">40.0190, 69.3599, 17.2892</a>

# Details

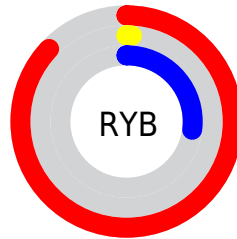
The Hex color **DE0246** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **02DE9A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B76**, and **9E001C** is the 20% darker color. If you saturate the color by 10%, you get **DE0045**, and if you desaturate by 10%, it is **DE1855**.

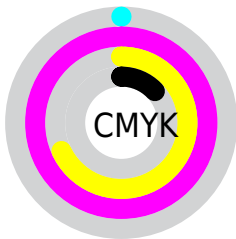
# Distribution



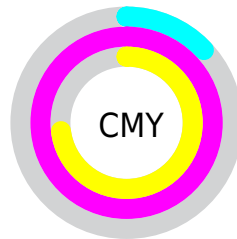
- Red (87%)
- Green (1%)
- Blue (27%)



- Red (87%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (68%)
- Black (13%)



- Cyan (13%)
- Magenta (99%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE0246 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 DE0246 by changing the saturation by 10% instead.



 DE0246

 DE0246

FFFFFF

 BE0030

 FF5B76

 9E001C

 FF7A8F

 7F0003

 FF97AA

 5F0002

 FFB5C5

 410003

 FFD3E1

 1F0001

 FFF1FE

 000000

 DE0246

 DE0246

 DE0045

 DE1855

 DE2E65

 DE4574

 DE5B83

 DE7193

 DE87A2

 DE9DB1

 DEB4C1

 DECAD0

# Harmonies

## Analogous

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



D70087



DE0246



C64300

# Triad

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



DE0246



008401



007EF4

# Complementary

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



DE0246



02DE9A

# 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.



0088D6



DE0246



008958

# Square

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



DE0246



5D7A00



008B9C



0A68ED

# Rectangle

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



DE0246



AA5C00



008B9C



0083EE



# Sweetspot

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



DE0246



FFB3CA



9802DE



805260



000000



808080



# Same Dimension

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



DE0246



FF004F



DE2A02



706568



B00036



30000F



# Inverse Universe

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



DE0246



FF004F



02B6DE



706568



B00036



30000F



# Previews

## White Background



This preview shows how the Hex color DE0246 looks on a white background.

## Color Contrast Check

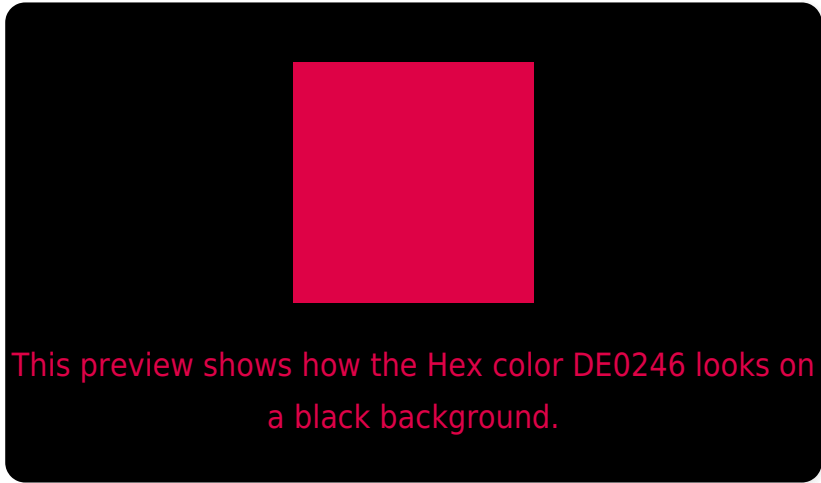
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0246 Background



This preview shows how black text looks on a background with the Hex color DE0246.

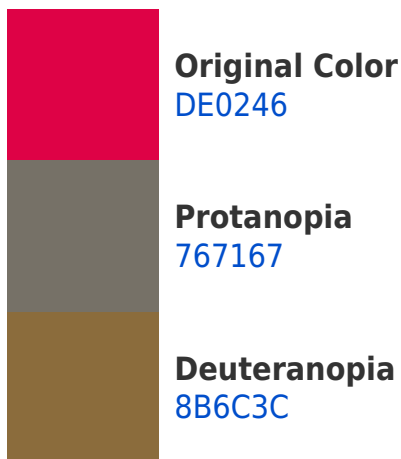


This preview shows how white text looks on a background with the Hex color DE0246.

# 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**  
DE0246



**Protanomaly**  
9C495B



**Deuteranomaly**  
A94540



**Tritanomaly**  
DD1329

# Monochromacy



**Original Color**  
DE0246



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
81314A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE0246 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 #DE0246 looks like.

```
.text, #text, p{  
    color:#DE0246  
}
```

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 #DE0246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0246
}
```

## Border

The CSS property to change the border of an element to Hex DE0246 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
#DE0246 }
```

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

```
.border{ border-color:#DE0246 }
```

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

Here you see how a box with a 4 pixel #DE0246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0246; -webkit-box-shadow:4px 4px  
4px 4px #DE0246; box-shadow:4px 4px 4px  
4px #DE0246 }
```

# Background

The CSS property to change the background color of an element to Hex DE0246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0246 }
```

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

```
.background{ background-color:#DE0246 }
```

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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