

# Converting Colors

Hex(DE0D57)

Have a look what the booklet for  
Hex(DE0D57) contains.

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**Color**

**Hex(DE0D57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE0D57
RGB	222, 13, 87
RGB Percent	87%, 5%, 34%
CMY	0.1294, 0.9490, 0.6588
CMYK	0.00, 0.94, 0.61, 0.13
HSL	339°, 89%, 46%
HSV	339°, 94%, 87%
XYZ	31.9884, 16.5056, 10.5167
YIQ	83.9270, 100.8100, 67.3220

# Conversions

## Conversions Part 2

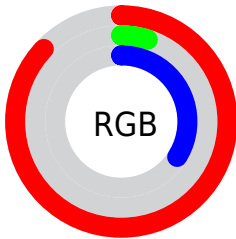
Format	Color
<a href="#">RYB</a>	<a href="#">222, 13, 87</a>
Decimal	<a href="#">14552407</a>
CIELab	<a href="#">47.63, 73.52, 17.94</a>
CIELCh	<a href="#">48, 75.681, 13.716</a>
Yxy	<a href="#">16.5056, 0.5421, 0.2797</a>
Android (android.graphics.Color)	<a href="#">4292742487</a> ( <a href="#">0xFFDE0D57</a> )
YUV	<a href="#">83.9270, 1.5150, 121.0900</a>
Hunter-Lab	<a href="#">40.6270, 69.4478, 13.0911</a>

# Details

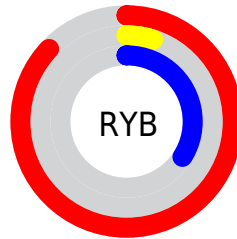
The Hex color **DE0D57** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **0DDE94**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5E88**, and **9F002B** is the 20% darker color. If you saturate the color by 10%, you get **DE004F**, and if you desaturate by 10%, it is **DE2365**.

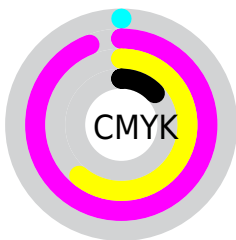
# Distribution



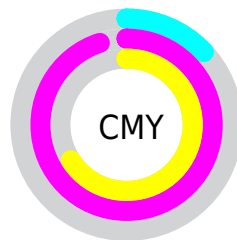
- Red (87%)
- Green (5%)
- Blue (34%)



- Red (87%)
- Yellow (5%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (61%)
- Black (13%)



- Cyan (13%)
- Magenta (95%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE0D57 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 DE0D57 by changing the saturation by 10% instead.



 DE0D57

 DE0D57

FFFFFF

 BE0040

 FF5E88

 9F002B

 FF7CA2

 800017

 FF9ABD

 610002

 FFB8D9

 440003

 FFD6F6

 220001

 FFF4FF

 000000

 DE0D57

 DE0D57

 DE004F

 DE2365

 DE3974

 DE5082

 DE6690

 DE7C9F

 DE92AD

 DEA8BB

 DEBFCA

 DED5D8

# Harmonies

## Analogous

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



CF2096



DE0D57



CD3E17

# Triad

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



DE0D57



0E8400



0082ED

# Complementary

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



DE0D57



0DDE94

# 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.



008AC9



DE0D57



008A4B

# Square

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



DE0D57



6F7700



008C8E



0070EF

# Rectangle

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



DE0D57



B55700



008C8E



0086E4



# Sweetspot

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



DE0D57



FFB8D1



910DDE



805463



000000



808080



# Same Dimension

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



DE0D57



FF005A



DE290D



706569



B0003E



300011



# Inverse Universe

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



DE0D57



FF005A



0DC2DE



706569



B0003E



300011



# Previews

## White Background



This preview shows how the Hex color DE0D57 looks on a white background.

## Color Contrast Check

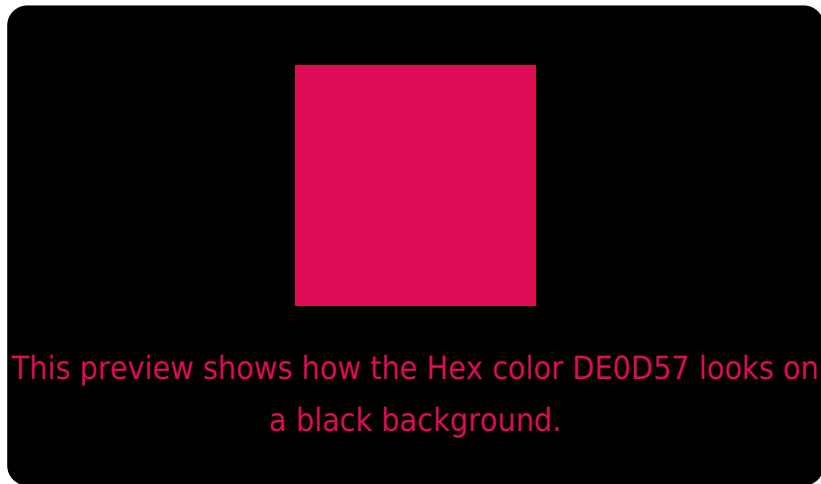
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0D57 Background



This preview shows how black text looks on a background with the Hex color DE0D57.

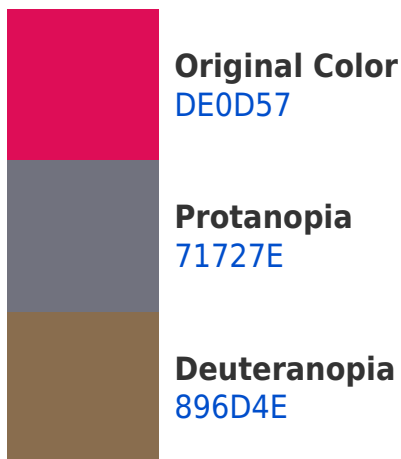


This preview shows how white text looks on a background with the Hex color DE0D57.

# 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**  
DE0D57



**Protanomaly**  
994D70



**Deuteranomaly**  
A84A51

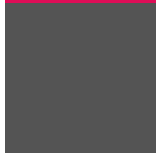


**Tritanomaly**  
DD1C36

# Monochromacy



**Original Color**  
DE0D57



**Achromatopsia**  
545454



**Achromatomaly**  
863A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE0D57 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 #DE0D57 looks like.

```
.text, #text, p{  
    color:#DE0D57  
}
```

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 #DE0D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0D57
}
```

## Border

The CSS property to change the border of an element to Hex DE0D57 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
#DE0D57 }
```

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

```
.border{ border-color:#DE0D57 }
```

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

Here you see how a box with a 4 pixel #DE0D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0D57; -webkit-box-shadow:4px 4px  
4px 4px #DE0D57; box-shadow:4px 4px 4px  
4px #DE0D57 }
```

# Background

The CSS property to change the background color of an element to Hex DE0D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0D57 }
```

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

```
.background{ background-color:#DE0D57 }
```

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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