

Converting Colors

Hex(DE0C56)

Have a look what the booklet for
Hex(DE0C56) contains.

Hex(DE0C56)	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(**DE0C56**)

Conversions

Conversions Part 1

Format	Color
Hex	DE0C56
RGB	222, 12, 86
RGB Percent	87%, 5%, 34%
CMY	0.1294, 0.9529, 0.6627
CMYK	0.00, 0.95, 0.61, 0.13
HSL	339°, 90%, 46%
HSV	339°, 95%, 87%
XYZ	31.9354, 16.4644, 10.2989
YIQ	83.2260, 101.4060, 67.5340

Conversions

Conversions Part 2

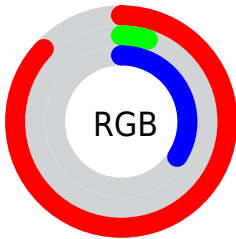
Format	Color
RYB	222, 12, 86
Decimal	14552150
CIELab	47.58, 73.56, 18.49
CIElCh	48, 75.847, 14.111
Yxy	16.4644, 0.5441, 0.2805
Android (android.graphics.Color)	4292742230 (0xFFDE0C56)
YUV	83.2260, 1.3676, 121.7048
Hunter-Lab	40.5764, 69.4787, 13.3548

Details

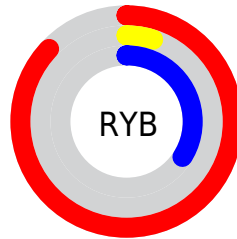
The Hex color **DE0C56** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **0CDE94**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5E87**, and **9F002A** is the 20% darker color. If you saturate the color by 10%, you get **DE004E**, and if you desaturate by 10%, it is **DE2264**.

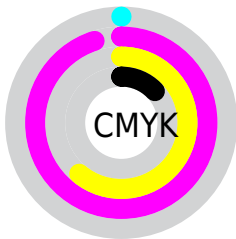
Distribution



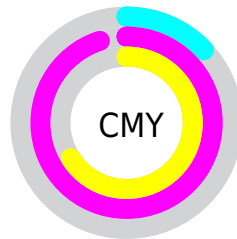
- Red (87%)
- Green (5%)
- Blue (34%)



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



- Cyan (0%)
- Magenta (95%)
- Yellow (61%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color DE0C56 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 DE0C56 by changing the saturation by 10% instead.

 DE0C56

 DE0C56

FFFFFF

 BE003F

 FF5E87

 9F002A

 FF7CA1

 800016

 FF9ABC

 610002

 FFB8D8

 430003

 FFD5F4

 220001

 FFF4FF

 000000

 DE0C56

 DE0C56

 DE004E

 DE2264

 DE3873

 DE4F81

 DE6590

 DE7B9E

 DE91AC

 DEA7BB

 DEBEC9

 DED4D7

Harmonies

Analogous

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



CF1F96



DE0C56



CD3E16

Triad

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



DE0C56



088400



0082ED

Complementary

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



DE0C56



0CDE94

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



DE0C56



008A4B

Square

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



DE0C56



6E7700



008C8E



006FEF

Rectangle

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



DE0C56



B45700



008C8E



0086E5

Sweetspot

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



DE0C56



FFB8D1



910CDE



805463



000000



808080

Same Dimension

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



DE0C56



FF005A



DE280C



706569



B0003E



300011

Inverse Universe

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



DE0C56



FF005A



0CC2DE



706569



B0003E



300011

Previews

White Background



This preview shows how the Hex color DE0C56 looks on a white background.

Color Contrast Check

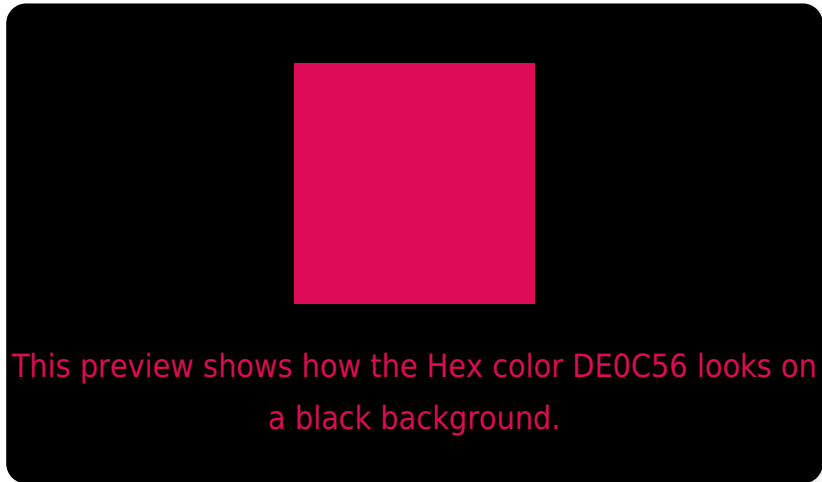
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0C56 Background



This preview shows how black text looks on a background with the Hex color DE0C56.

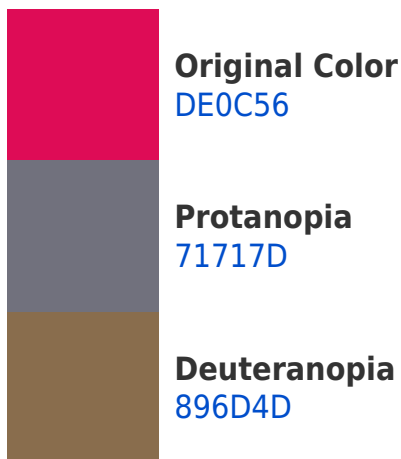


This preview shows how white text looks on a background with the Hex color DE0C56.

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
DE0C56



Protanomaly
994C6F



Deuteranomaly
A84A50



Tritanomaly
DD1B35

Monochromacy



Original Color
DE0C56



Achromatopsia
535353



Achromatomaly
863954

CSS Examples

Text

The CSS property to change the color of the text to Hex DE0C56 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 #DE0C56 looks like.

```
.text, #text, p{  
    color:#DE0C56  
}
```

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 #DE0C56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0C56
}
```

Border

The CSS property to change the border of an element to Hex DE0C56 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
#DE0C56 }
```

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

```
.border{ border-color:#DE0C56 }
```

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

Here you see how a box with a 4 pixel #DE0C56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0C56; -webkit-box-shadow:4px 4px  
4px 4px #DE0C56; box-shadow:4px 4px 4px  
4px #DE0C56 }
```

Background

The CSS property to change the background color of an element to Hex DE0C56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0C56 }
```

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

```
.background{ background-color:#DE0C56 }
```

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