

Converting Colors

Hex(DE0018)

Have a look what the booklet for
Hex(DE0018) contains.

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Color

Hex(DE0018)

Conversions

Conversions Part 1

Format	Color
Hex	DE0018
RGB	222, 0, 24
RGB Percent	87%, 0%, 9%
CMY	0.1294, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.89, 0.13
HSL	354°, 100%, 44%
HSV	354°, 100%, 87%
XYZ	30.2891, 15.5955, 2.2780
YIQ	69.1140, 124.6080, 54.5280

Conversions

Conversions Part 2

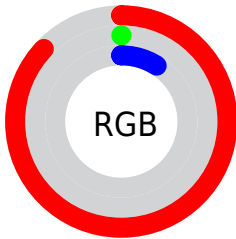
Format	Color
RYB	222, 0, 24
Decimal	14549016
CIELab	46.44, 72.39, 52.54
CIELCh	46, 89.448, 35.975
Yxy	15.5955, 0.6289, 0.3238
Android (android.graphics.Color)	4292739096 (0xFFDE0018)
YUV	69.1140, -22.2412, 134.0810
Hunter-Lab	39.4912, 67.7969, 24.2238

Details

The Hex color **DE0018** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00DEC6**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5947**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE0018**, and if you desaturate by 10%, it is **DE162C**.

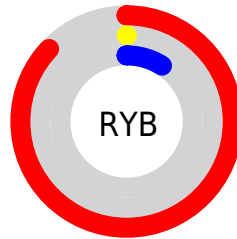
Distribution



Red (87%)

Green (0%)

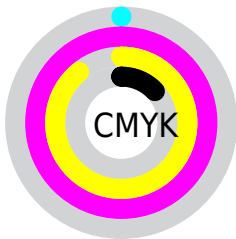
Blue (9%)



Red (87%)

Yellow (0%)

Blue (9%)

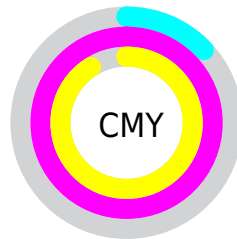


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE0018 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 DE0018 by changing the saturation by 10% instead.

 DE0018

 DE0018

FFFFFF

 BD0000

 FF5947

 9D0000

 FF7860

 7C0000

 FF9579

 5C0002

 FFB393

 3F0003

 FFD1AE

 1B0001

 FFEFCA

 000000

 FFFF66

 DE0018

 DE162C

 DE2C40

 DE4353

 DE5967

 DE6F7B

 DE858F

 DE9BA3

 DEB2B6

 DEC8CA

Harmonies

Analogous

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



EB0063



DE0018



B55100

Triad

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



DE0018



00882A



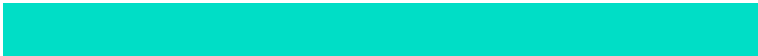
0075FF

Complementary

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



DE0018



00DEC6

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.



0086F9



DE0018



008B7C

Square

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



DE0018



168100



008BC6



7750EA

Rectangle

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



DE0018



8F6800



008BC6



007CFF

Sweetspot

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



DE0018



FFB3BB



C400DE



805257



000000



808080

Same Dimension

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



DE0018



FF001C



DE5500



706566



B00013



300005

Inverse Universe

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



DE0018



FF001C



0089DE



706566



B00013



300005

Previews

White Background



This preview shows how the Hex color DE0018 looks on a white background.

Color Contrast Check

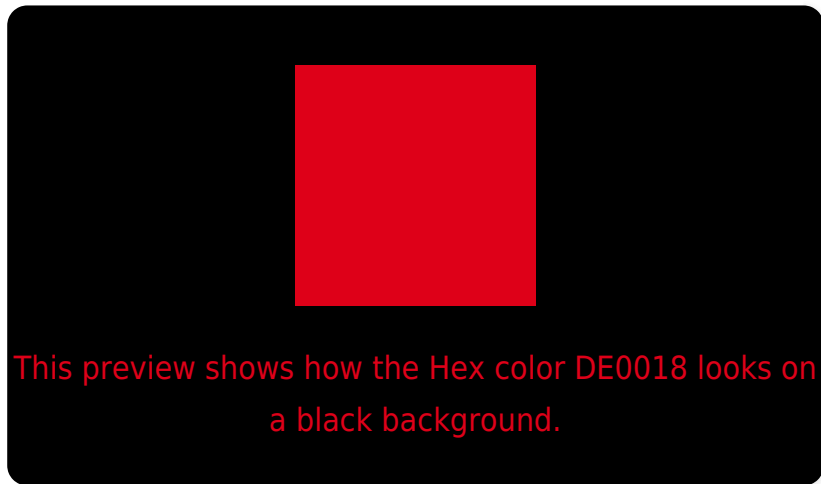
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0018 Background



This preview shows how black text looks on a background with the Hex color DE0018.



This preview shows how white text looks on a background with the Hex color DE0018.

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
DE0018

Protanopia
7D702C

Deuteranopia
8D6A00



Trichromacy



Original Color
DE0018



Protanomaly
A04725



Deuteranomaly
AA4309



Tritanomaly
DD0D09

Monochromacy



Original Color
DE0018



Achromatopsia
454545



Achromatomaly
7D2C35

CSS Examples

Text

The CSS property to change the color of the text to Hex DE0018 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 #DE0018 looks like.

```
.text, #text, p{  
    color:#DE0018  
}
```

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 #DE0018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0018
}
```

Border

The CSS property to change the border of an element to Hex DE0018 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".

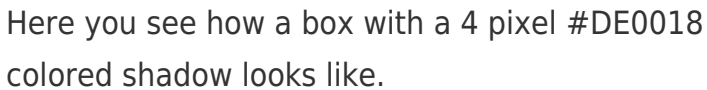
```
.border, #border, table{ border:4px solid
#DE0018 }
```

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

```
.border{ border-color:#DE0018 }
```

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

Here you see how a box with a 4 pixel #DE0018 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0018; -webkit-box-shadow:4px 4px  
4px 4px #DE0018; box-shadow:4px 4px 4px  
4px #DE0018 }
```

Background

The CSS property to change the background color of an element to Hex DE0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0018 }
```

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

```
.background{ background-color:#DE0018 }
```

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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