

Converting Colors

Hex(DE0026)

Have a look what the booklet for
Hex(DE0026) contains.

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Color

Hex(DE0026)

Conversions

Conversions Part 1

Format	Color
Hex	DE0026
RGB	222, 0, 38
RGB Percent	87%, 0%, 15%
CMY	0.1294, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.83, 0.13
HSL	350°, 100%, 44%
HSV	350°, 100%, 87%
XYZ	30.4741, 15.6695, 3.2521
YIQ	70.7100, 120.1140, 58.8820

Conversions

Conversions Part 2

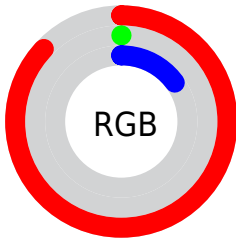
Format	Color
R _Y B	222, 0, 38
Decimal	14549030
CIE Lab	46.54, 72.66, 45.77
CIE LCh	47, 85.871, 32.209
Yxy	15.6695, 0.6169, 0.3172
Android (android.graphics.Color)	4292739110 (0xFFDE0026)
YUV	70.7100, -16.1260, 132.6813
Hunter-Lab	39.5848, 68.1436, 22.8384

Details

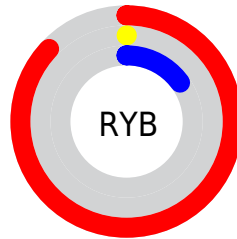
The Hex color **DE0026** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00DEB8**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5A54**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE0026**, and if you desaturate by 10%, it is **DE1638**.

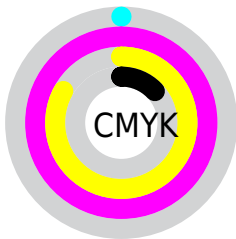
Distribution



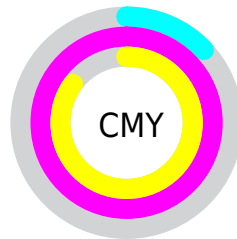
- Red (87%)
- Green (0%)
- Blue (15%)



- Red (87%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE0026 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 DE0026 by changing the saturation by 10% instead.

 DE0026

 DE0026

FFFFFF

 BD0010

 FF5A54

 9D0000

 FF786D

 7D0000

 FF9687

 5D0002

 FFB3A1

 3F0003

 FFD1BC

 1C0001

 FFEFD8

 000000

 FFFFF5

 DE0026

 DE1638

 DE2C4B

 DE435D

 DE5970

 DE6F82

 DE8594

 DE9BA7

 DEB2B9

 DEC8CC

Harmonies

Analogous

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



E6006C



DE0026



BA4E00

Triad

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



DE0026



008722



0077FF

Complementary

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



DE0026



00DEB8

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.



0086EF



DE0026



008A72

Square

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



DE0026



337F00



008BBA



6657EB

Rectangle

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



DE0026



966500



008BBA



007EFF

Sweetspot

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



DE0026



FFB3C0



B500DE



805259



000000



808080

Same Dimension

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



DE0026



FF002C



DE4600



706567



B0001E



300008

Inverse Universe

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



DE0026



FF002C



0098DE



706567



B0001E



300008

Previews

White Background



This preview shows how the Hex color DE0026 looks on a white background.

Color Contrast Check

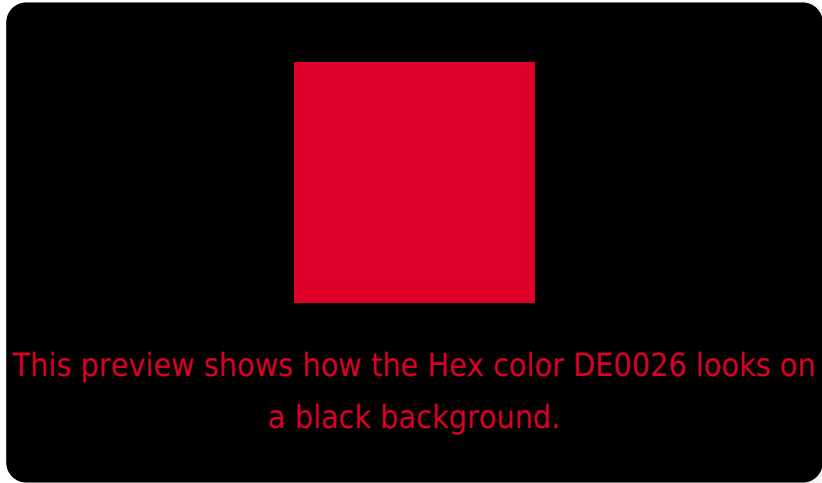
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0026 Background



This preview shows how black text looks on a background with the Hex color DE0026.



This preview shows how white text looks on a background with the Hex color DE0026.

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
DD1400

Trichromacy



Original Color
DE0026



Protanomaly
A04734



Deuteranomaly
AB4417



Tritanomaly
DD0D0E

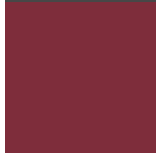
Monochromacy



Original Color
DE0026



Achromatopsia
474747



Achromatomaly
7E2D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex DE0026 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 #DE0026 looks like.

```
.text, #text, p{  
  color:#DE0026  
}
```

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 #DE0026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0026
}
```

Border

The CSS property to change the border of an element to Hex DE0026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

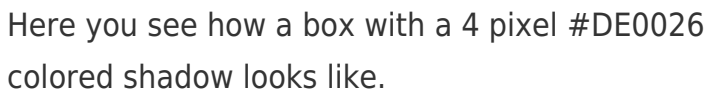
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE0026 }
```

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

```
.border{ border-color:#DE0026 }
```

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



Here you see how a box with a 4 pixel #DE0026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0026; -webkit-box-shadow:4px 4px  
4px 4px #DE0026; box-shadow:4px 4px 4px  
4px #DE0026 }
```

Background

The CSS property to change the background color of an element to Hex DE0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0026 }
```

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

```
.background{ background-color:#DE0026 }
```

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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