

Converting Colors

Hex(DE0028)

Have a look what the booklet for
Hex(DE0028) contains.

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Color

Hex(DE0028)

Conversions

Conversions Part 1

Format	Color
Hex	DE0028
RGB	222, 0, 40
RGB Percent	87%, 0%, 16%
CMY	0.1294, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.82, 0.13
HSL	349°, 100%, 44%
HSV	349°, 100%, 87%
XYZ	30.5072, 15.6828, 3.4267
YIQ	70.9380, 119.4720, 59.5040

Conversions

Conversions Part 2

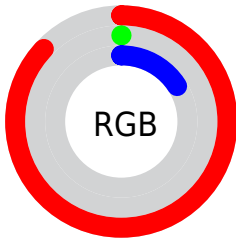
Format	Color
RYB	222, 0, 40
Decimal	14549032
CIELab	46.56, 72.70, 44.71
CIElCh	47, 85.352, 31.590
Yxy	15.6828, 0.6149, 0.3161
Android (android.graphics.Color)	4292739112 (0xFFDE0028)
YUV	70.9380, -15.2524, 132.4814
Hunter-Lab	39.6015, 68.2056, 22.5908

Details

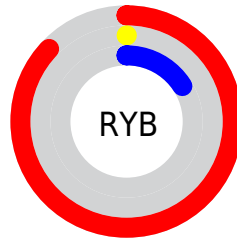
The Hex color **DE0028** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00DEB6**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5A56**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE0028**, and if you desaturate by 10%, it is **DE163A**.

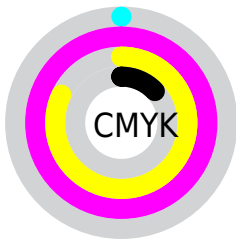
Distribution



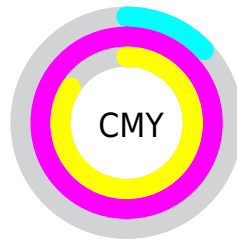
- Red (87%)
- Green (0%)
- Blue (16%)



- Red (87%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE0028 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 DE0028 by changing the saturation by 10% instead.

 DE0028

 DE0028

FFFFFF

 BD0013

 FF5A56

 9D0000

 FF786F

 7D0000

 FF9689

 5D0002

 FFB3A3

 3F0003

 FFD1BE

 1C0001

 FFEFDA

 000000

 FFFFF7

 DE0028

 DE163A

 DE2C4C

 DE435F

 DE5971

 DE6F83

 DE8595

 DE9BA7

 DEB2BA

 DEC8CC

Harmonies

Analogous

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



E5006E



DE0028



BA4D00

Triad

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



DE0028



008721



0078FF

Complementary

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



DE0028



00DEB6

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.



0086EE



DE0028



008A70

Square

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



DE0028



367F00



008BB8



6358EB

Rectangle

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



DE0028



986400



008BB8



007EFF

Sweetspot

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



DE0028



FFB3C0



B500DE



80525A



000000



808080

Same Dimension

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



DE0028



FF002E



DE4600



706567



B00020



300009

Inverse Universe

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



DE0028



FF002E



0098DE



706567



B00020



300009

Previews

White Background



This preview shows how the Hex color DE0028 looks on a white background.

Color Contrast Check

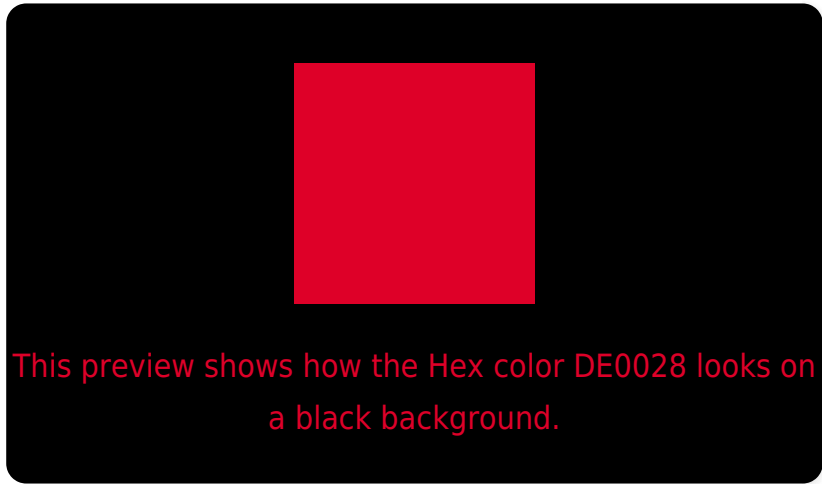
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0028 Background



This preview shows how black text looks on a background with the Hex color DE0028.



This preview shows how white text looks on a background with the Hex color DE0028.

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
DE0028

Protanopia
7B703F

Deuteranopia
8E6B14



Tritanopia
DD1400

Trichromacy



Original Color
DE0028



Protanomaly
9F4737



Deuteranomaly
AB441B



Tritanomaly
DD0D0F

Monochromacy



Original Color
DE0028



Achromatopsia
474747



Achromatomaly
7E2D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex DE0028 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 #DE0028 looks like.

```
.text, #text, p{  
    color:#DE0028  
}
```

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 #DE0028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0028
}
```

Border

The CSS property to change the border of an element to Hex DE0028 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".

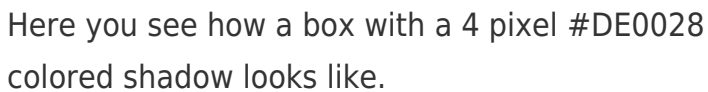
```
.border, #border, table{ border:4px solid
#DE0028 }
```

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

```
.border{ border-color:#DE0028 }
```

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

Here you see how a box with a 4 pixel #DE0028 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0028; -webkit-box-shadow:4px 4px  
4px 4px #DE0028; box-shadow:4px 4px 4px  
4px #DE0028 }
```

Background

The CSS property to change the background color of an element to Hex DE0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0028 }
```

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

```
.background{ background-color:#DE0028 }
```

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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