

Converting Colors

Hex(D3000E)

Have a look what the booklet for
Hex(D3000E) contains.

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Color

Hex(D3000E)

Conversions

Conversions Part 1

Format	Color
Hex	D3000E
RGB	211, 0, 14
RGB Percent	83%, 0%, 5%
CMY	0.1725, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.93, 0.17
HSL	356°, 100%, 41%
HSV	356°, 100%, 83%
XYZ	26.9432, 13.8806, 1.6746
YIQ	64.6850, 121.2620, 49.0860

Conversions

Conversions Part 2

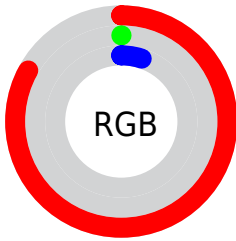
Format	Color
RYB	211, 0, 14
Decimal	13828110
CIELab	44.06, 69.57, 53.82
CIElCh	44, 87.955, 37.724
Yxy	13.8806, 0.6340, 0.3266
Android (android.graphics.Color)	4292018190 (0xFFD3000E)
YUV	64.6850, -24.9877, 128.3183
Hunter-Lab	37.2567, 63.8883, 23.4147

Details

The Hex color **D3000E** 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 **00D3C5**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF573F**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D3000E**, and if you desaturate by 10%, it is **D31522**.

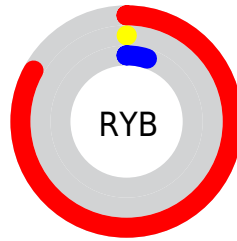
Distribution



Red (83%)

Green (0%)

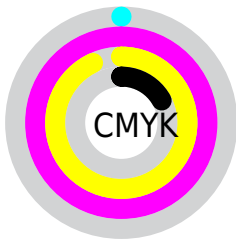
Blue (5%)



Red (83%)

Yellow (0%)

Blue (5%)

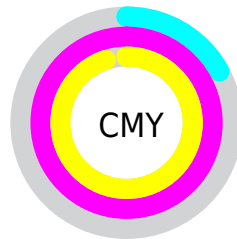


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3000E 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 D3000E by changing the saturation by 10% instead.

 D3000E

 D3000E

 FFFFFA

 B20000

 FF573F

 920000

 FF7557

 720000

 FF9270

 530002

 FFAF8A

 350002

 FFCDA5

 020000

 FFEBC1

 000000

 FFFFDD

 D3000E

 D31522

 D32A35

 D33F49

 D3545D

 D36A71

 D37F84

 D39498

 D3A9AC

 D3BEBF

Harmonies

Analogous

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



E10059



D3000E



AA4E00

Triad

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



D3000E



00812B



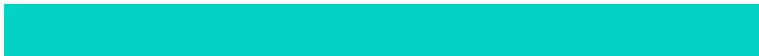
006DFD

Complementary

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



D3000E



00D3C5

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.



007FF2



D3000E



00847A

Square

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



D3000E



007B00



0084C1



7848DE

Rectangle

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



D3000E



846400



0084C1



0075FE

Sweetspot

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



D3000E



FFB3B8



C500D3



805255



000000



808080

Same Dimension

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



D3000E



FF0011



D35B00



695E5F



A8000B



290003

Inverse Universe

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



D3000E



FF0011



0078D3



695E5F



A8000B



290003

Previews

White Background



This preview shows how the Hex color D3000E looks on a white background.

Color Contrast Check

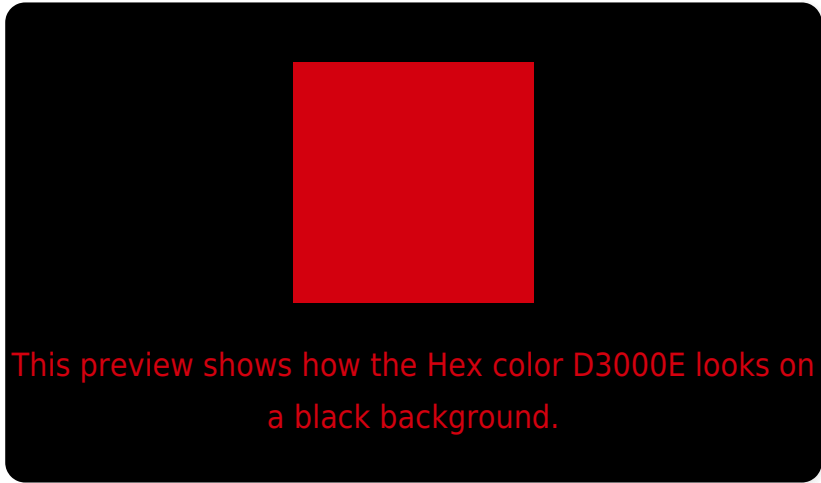
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3000E Background



This preview shows how black text looks on a background with the Hex color D3000E.



This preview shows how white text looks on a background with the Hex color D3000E.

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
D3000E

Protanopia
776B21

Deuteranopia
866500



Tritanopia
D11300

Trichromacy



Original Color
D3000E

Protanomaly
98441A

Deuteranomaly
A24005

Tritanomaly
D20C05

Monochromacy



Original Color
D3000E

Achromatopsia
414141

Achromatomaly
76292E

CSS Examples

Text

The CSS property to change the color of the text to Hex D3000E 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 #D3000E looks like.

```
.text, #text, p{  
  color:#D3000E  
}
```

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 #D3000E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3000E
}
```

Border

The CSS property to change the border of an element to Hex D3000E is called "border". The border property can be set on classes, ids or directly on the HTML element.

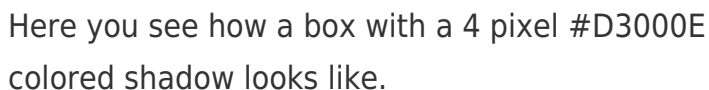
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D3000E }
```

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

```
.border{ border-color:#D3000E }
```

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



Here you see how a box with a 4 pixel #D3000E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3000E; -webkit-box-shadow:4px 4px  
4px 4px #D3000E; box-shadow:4px 4px 4px  
4px #D3000E }
```

Background

The CSS property to change the background color of an element to Hex D3000E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3000E }
```

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

```
.background{ background-color:#D3000E }
```

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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