

Converting Colors

Hex(003DE3)

Have a look what the booklet for
Hex(003DE3) contains.

Hex(003DE3)	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(003DE3)

Conversions

Conversions Part 1

Format	Color
Hex	003DE3
RGB	0, 61, 227
RGB Percent	0%, 24%, 89%
CMY	1.0000, 0.7608, 0.1098
CMYK	1.00, 0.73, 0.00, 0.11
HSL	224°, 100%, 45%
HSV	224°, 100%, 89%
XYZ	15.5339, 8.8835, 73.5690
YIQ	61.6850, -89.6420, 38.6940

Conversions

Conversions Part 2

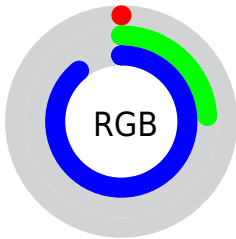
Format	Color
R _Y B	0, 48, 227
Decimal	15843
CIE Lab	35.76, 50.27, -86.26
CIE LCh	36, 99.839, 300.233
Yxy	8.8835, 0.1585, 0.0907
Android (android.graphics.Color)	4278205923 (0xFF003DE3)
YUV	61.6850, 81.5003, -54.0977
Hunter-Lab	29.8053, 40.8712, -125.4832

Details

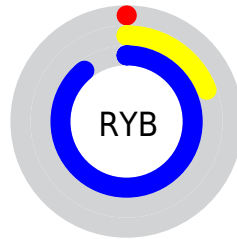
The Hex color **003DE3** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E3A600**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6D6DFF**, and **0012AA** is the 20% darker color. If you saturate the color by 10%, you get **003DE3**, and if you desaturate by 10%, it is **174EE3**.

Distribution



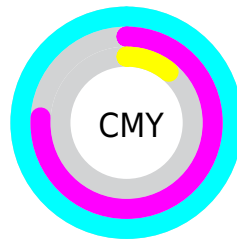
- Red (0%)
- Green (24%)
- Blue (89%)



- Red (0%)
- Yellow (19%)
- Blue (89%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (76%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003DE3 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 003DE3 by changing the saturation by 10% instead.

 003DE3

 003DE3

FFFFFF

 0027C6

 6D6DFF

 0012AA

 8F87FF

 00028F

 AFA1FF

 000074

 CFBDFE

 000D5A

 EFD9FF

 000742

 FFF5FF

 00032B

 000115

 000000

■ 003DE3

■ 174EE3

■ 2D5EE3

■ 446FE3

■ 5B7FE3

■ 7290E3

■ 88A1E3

■ 9FB1E3

■ B6C2E3

■ CCD2E3

Harmonies

Analogous

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



0062FA



003DE3



AC00A6

Triad

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



003DE3



A22400



006E53

Complementary

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



003DE3



E3A600

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.



006B00



003DE3



675200

Square

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



003DE3



CA0009



006400



0070A4

Rectangle

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



003DE3



CC0072



006400



006E36

Sweetspot

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



003DE3



B3C7FF



00E3A3



525E80



000000



808080

Same Dimension

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



003DE3



0045FF



3100E3



676A73



0030B3



000E33

Inverse Universe

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



E3003D



FF0045



B2E300



73676A



B30030



33000E

Previews

White Background



This preview shows how the Hex color 003DE3 looks on a white background.

Color Contrast Check

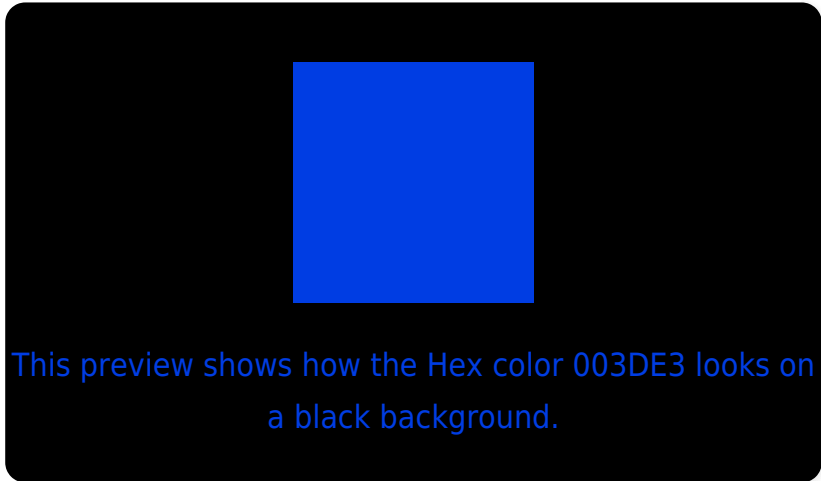
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

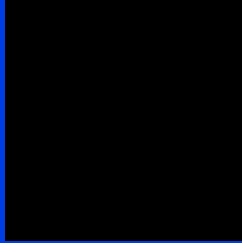
Any Text WCAG AA × Fail

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 003DE3 Background



This preview shows how black text looks on a background with the Hex color 003DE3.



This preview shows how white text looks on a background with the Hex color 003DE3.

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
005D62

Trichromacy



Original Color
003DE3

Protanomaly
004ABF

Deuteranomaly
004DAF

Tritanomaly
005191

Monochromacy



Original Color
003DE3

Achromatopsia
3E3E3E

Achromatomaly
273E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 003DE3 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 #003DE3 looks like.

```
.text, #text, p{  
    color:#003DE3  
}
```

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 #003DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003DE3
}
```

Border

The CSS property to change the border of an element to Hex 003DE3 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
#003DE3 }
```

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

```
.border{ border-color:#003DE3 }
```

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

Here you see how a box with a 4 pixel #003DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003DE3; -webkit-box-shadow:4px 4px  
4px 4px #003DE3; box-shadow:4px 4px 4px  
4px #003DE3 }
```

Background

The CSS property to change the background color of an element to Hex 003DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003DE3 }
```

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

```
.background{ background-color:#003DE3 }
```

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