

# Converting Colors

Hex(0015DE)

Have a look what the booklet for  
Hex(0015DE) contains.

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# Color

**Hex(0015DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0015DE
RGB	0, 21, 222
RGB Percent	0%, 8%, 87%
CMY	1.0000, 0.9176, 0.1294
CMYK	1.00, 0.91, 0.00, 0.13
HSL	234°, 100%, 44%
HSV	234°, 100%, 87%
XYZ	13.4530, 5.8103, 69.5197
YIQ	37.6350, -77.0370, 58.0590

# Conversions

## Conversions Part 2

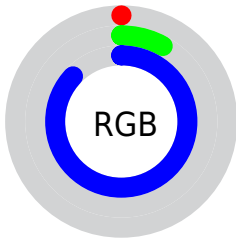
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 19, 222
Decimal	5598
CIELab	28.93, 66.92, -94.76
CIElCh	29, 116.001, 305.230
Yxy	5.8103, 0.1515, 0.0654
Android (android.graphics.Color)	4278195678 (0xFF0015DE)
YUV	37.6350, 90.8919, -33.0059
Hunter-Lab	24.1045, 57.4400, -154.1251

# Details

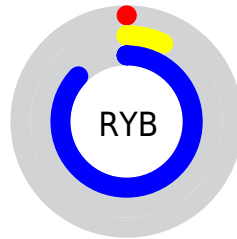
The Hex color **0015DE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DEC900**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6F4CFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **0015DE**, and if you desaturate by 10%, it is **1629DE**.

# Distribution



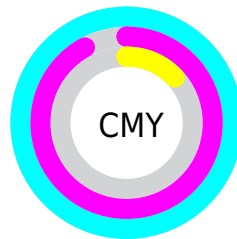
- Red (0%)
- Green (8%)
- Blue (87%)



- Red (0%)
- Yellow (7%)
- Blue (87%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (92%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0015DE 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 0015DE by changing the saturation by 10% instead.



 0015DE

 0015DE

FFFFFF

 0000C1

 6F4CFF

 0000A5

 9166FF

 00008A

 B280FF

 00066F

 D29CFF

 000C55

 F2B7FF

 00063D

 FFD4FF

 000326

 FFF1FF

 00010F

 000000

 0015DE

 1629DE

 2C3DDE

 4351DE

 5965DE

 6F7ADE

 858EDE

 9BA2DE

 B2B6DE

 C8CADE

# Harmonies

## Analogous

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



0053FF



0015DE



B00092

# Triad

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



0015DE



8C0E00



005D53

# Complementary

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



0015DE



DEC900

# 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.



005B00



0015DE



464700

# Square

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



0015DE



BC0000



005600



0061AE

# Rectangle

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



0015DE



CB0057



005600



005D33



# Sweetspot

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



0015DE



B3BAFF



00DEC8



525680



000000



808080



# Same Dimension

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



0015DE



0018FF



5900DE



656670



0011B0



000530



# Inverse Universe

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



DE0015



FF0018



85DE00



706566



B00011

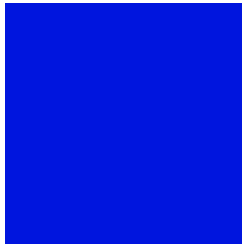


300005



# Previews

## White Background



This preview shows how the Hex color 0015DE looks on a white background.

## Color Contrast Check

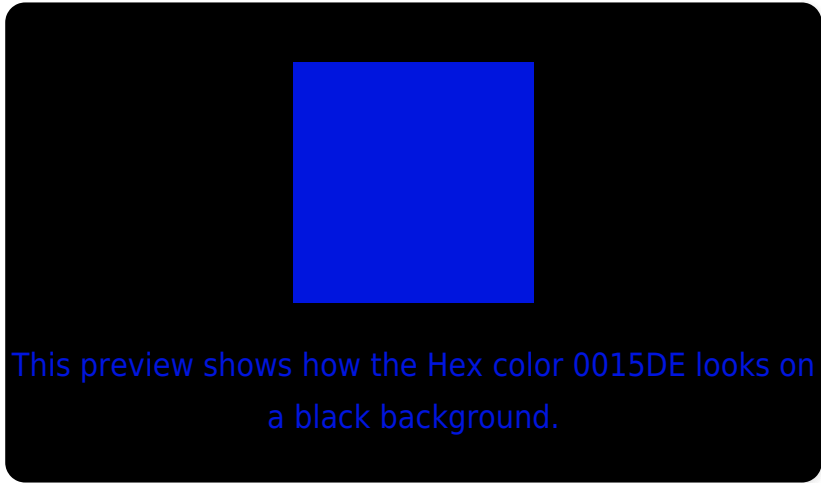
Large Text (above 18pt) WCAG AA ✓ Pass

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

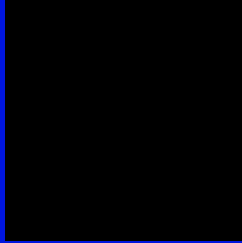
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0015DE Background



This preview shows how black text looks on a background with the Hex color 0015DE.



This preview shows how white text looks on a background with the Hex color 0015DE.

# 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**  
0015DE

**Protanopia**  
00428B

**Deuteranopia**  
004776

# Trichromacy



**Original Color**  
0015DE

**Protanomaly**  
0032A9

**Deuteranomaly**  
00359C

# Monochromacy



**Original Color**  
0015DE

**Achromatopsia**  
262626

**Achromatomaly**  
182069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0015DE 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 #0015DE looks like.

```
.text, #text, p{  
    color:#0015DE  
}
```

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 #0015DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0015DE
}
```

## Border

The CSS property to change the border of an element to Hex 0015DE 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
#0015DE }
```

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

```
.border{ border-color:#0015DE }
```

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

Here you see how a box with a 4 pixel #0015DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0015DE; -webkit-box-shadow:4px 4px  
4px 4px #0015DE; box-shadow:4px 4px 4px  
4px #0015DE }
```

# Background

The CSS property to change the background color of an element to Hex 0015DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0015DE }
```

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

```
.background{ background-color:#0015DE }
```

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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