

Converting Colors

Hex(012DDA)

Have a look what the booklet for
Hex(012DDA) contains.

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Color

Hex(012DDA)

Conversions

Conversions Part 1

Format	Color
Hex	012DDA
RGB	1, 45, 218
RGB Percent	0%, 18%, 85%
CMY	0.9961, 0.8235, 0.1451
CMYK	1.00, 0.79, 0.00, 0.15
HSL	228°, 99%, 43%
HSV	228°, 100%, 85%
XYZ	13.6058, 6.9452, 66.9531
YIQ	51.5660, -81.7570, 44.4750

Conversions

Conversions Part 2

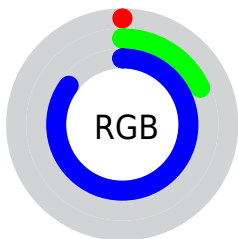
Format	Color
RYB	1, 38, 218
Decimal	77274
CIELab	31.68, 56.03, -87.86
CIELCh	32, 104.208, 302.526
Yxy	6.9452, 0.1555, 0.0794
Android (android.graphics.Color)	4278267354 (0xFF012DDA)
YUV	51.5660, 82.0520, -44.3464
Hunter-Lab	26.3537, 46.0363, -132.1821

Details

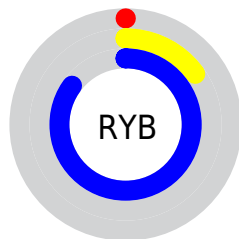
The Hex color **012DDA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DAAE01**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6C5EFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **002CDA**, and if you desaturate by 10%, it is **173EDA**.

Distribution



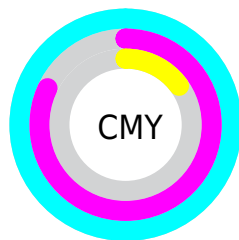
- Red (0%)
- Green (18%)
- Blue (85%)



- Red (0%)
- Yellow (15%)
- Blue (85%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (82%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012DDA 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 012DDA by changing the saturation by 10% instead.

■ 012DDA

■ 012DDA

FFFFFF

■ 0015BD

■ 6C5EFF

■ 0000A1

■ 8E77FF

■ 000086

■ AE91FF

■ 00046C

■ CEADFF

■ 000B52

■ EDC8FF

■ 00063A

■ FFE5FF

■ 000224

■ 00000B

■ 000000

■ 012DDA

■ 012DDA

■ 002CDA

■ 173EDA

■ 2D50DA

■ 4261DA

■ 5873DA

■ 6E84DA

■ 8495DA

■ 9AA7DA

■ AFB8DA

■ C5C9DA

Harmonies

Analogous

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



0058F6



012DDA



A90098

Triad

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



012DDA



941A00



006450

Complementary

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



012DDA



DAAE01

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.



006100



012DDA



564B00

Square

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



012DDA



BE0000



005B00



0066A3

Rectangle

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



012DDA



C50063



005B00



006333

Sweetspot

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



012DDA



B3C2FF



01DAAB



525B80



000000



808080

Same Dimension

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



012DDA



0034FF



3E01DA



63656E



0023AD



00092E

Inverse Universe

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



DA012D



FF0034



9DDA01



6E6365



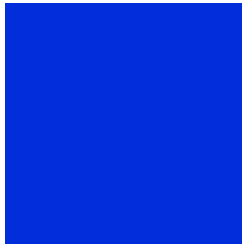
AD0023



2E0009

Previews

White Background



This preview shows how the Hex color 012DDA looks on a white background.

Color Contrast Check

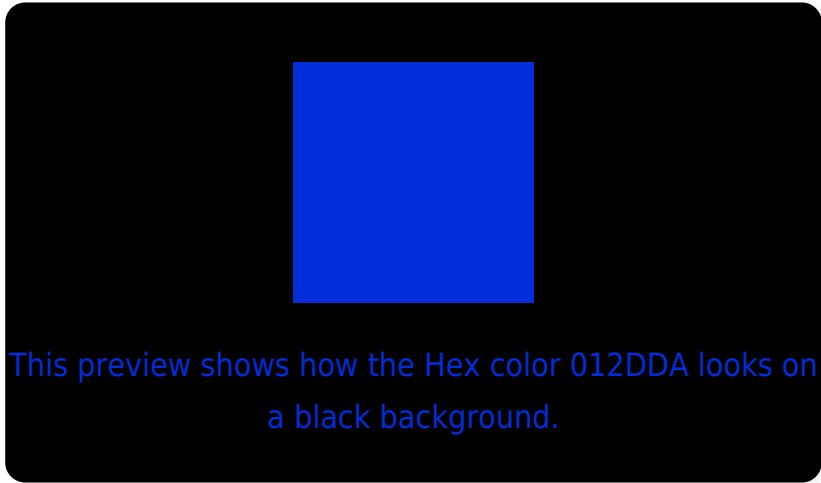
Large Text (above 18pt) WCAG AA ✓ Pass

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

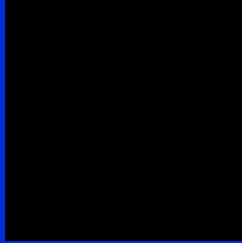
Any Text WCAG AA × Fail

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 012DDA Background



This preview shows how black text looks on a background with the Hex color 012DDA.



This preview shows how white text looks on a background with the Hex color 012DDA.

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
012DDA

Protanopia
004897

Deuteranopia
004D80

Trichromacy



Original Color

012DDA

Protanomaly

003EAF

Deuteranomaly

0041A1

Tritanomaly

004587

Monochromacy



Original Color

012DDA

Achromatopsia

343434

Achromatomaly

213170

CSS Examples

Text

The CSS property to change the color of the text to Hex 012DDA 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 #012DDA looks like.

```
.text, #text, p{  
    color:#012DDA  
}
```

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 #012DDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012DDA
}
```

Border

The CSS property to change the border of an element to Hex 012DDA 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
#012DDA }
```

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

```
.border{ border-color:#012DDA }
```

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

Here you see how a box with a 4 pixel #012DDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012DDA; -webkit-box-shadow:4px 4px  
4px 4px #012DDA; box-shadow:4px 4px 4px  
4px #012DDA }
```

Background

The CSS property to change the background color of an element to Hex 012DDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012DDA }
```

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

```
.background{ background-color:#012DDA }
```

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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