

# Converting Colors

Hex(0026DA)

Have a look what the booklet for  
Hex(0026DA) contains.

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**Color**

**Hex(0026DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0026DA
RGB	0, 38, 218
RGB Percent	0%, 15%, 85%
CMY	1.0000, 0.8510, 0.1451
CMYK	1.00, 0.83, 0.00, 0.15
HSL	230°, 100%, 43%
HSV	230°, 100%, 85%
XYZ	13.3480, 6.4482, 66.8708
YIQ	47.1580, -80.4280, 47.9240

# Conversions

## Conversions Part 2

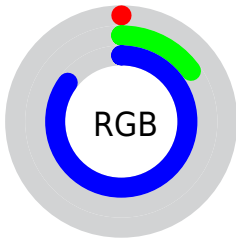
Format	Color
R <sub>YB</sub>	0, 32, 218
Decimal	9946
CIE <sub>Lab</sub>	30.52, 59.39, -89.80
CIE <sub>LCh</sub>	31, 107.666, 303.480
Y <sub>xy</sub>	6.4482, 0.1540, 0.0744
Android (android.graphics.Color)	4278200026 (0xFF0026DA)
YUV	47.1580, 84.2251, -41.3576
Hunter-Lab	25.3933, 49.3905, -138.3593

# Details

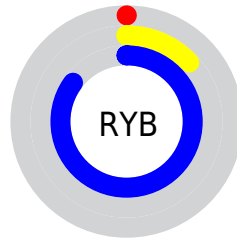
The Hex color **0026DA** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **DAB400**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6D58FF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **0026DA**, and if you desaturate by 10%, it is **1638DA**.

# Distribution



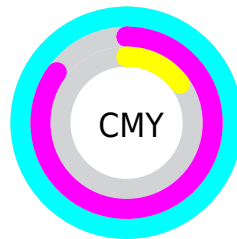
- Red (0%)
- Green (15%)
- Blue (85%)



- Red (0%)
- Yellow (13%)
- Blue (85%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (85%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0026DA 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 0026DA by changing the saturation by 10% instead.



 0026DA

 0026DA

FFFFFF

 000CBD

 6D58FF

 0000A1

 8E71FF

 000086

 AF8BFF

 00056C

 CFA6FF

 000B52

 EEC2FF

 00053A

 FFDFFF

 000224

 FFFCFF

 00000B

 000000

 0026DA

 1638DA

 2C4ADA

 415CDA

 576EDA

 6D80DA

 8392DA

 99A4DA

 AEB6DA

 C4C8DA

# Harmonies

## Analogous

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



0056F8



0026DA



AA0095

# Triad

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



0026DA



901600



006150

# Complementary

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



0026DA



DAB400

# 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.



005E00



0026DA



504900

# Square

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



0026DA



BC0000



005900



0064A5

# Rectangle

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



0026DA



C6005E



005900



006032



# Sweetspot

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



0026DA



B3C0FF



00DAB2



525A80



000000



808080



# Same Dimension

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



0026DA



002CFF



4500DA



63656E



001EAD



00082E



# Inverse Universe

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



DA0026



FF002C



95DA00



6E6365



AD001E

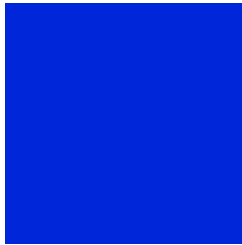


2E0008



# Previews

## White Background



This preview shows how the Hex color 0026DA looks on a white background.

## Color Contrast Check

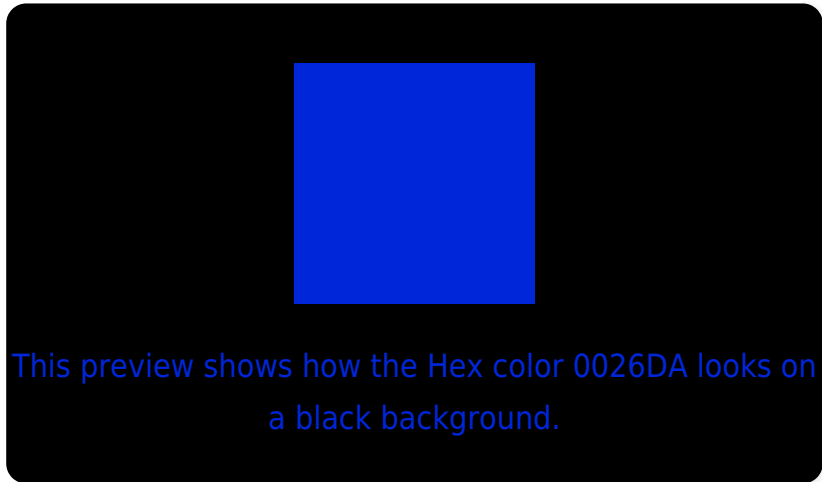
Large Text (above 18pt) WCAG AA ✓ Pass

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

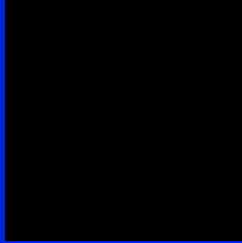
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0026DA Background



This preview shows how black text looks on a background with the Hex color 0026DA.



This preview shows how white text looks on a background with the Hex color 0026DA.

# 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





# Trichromacy



**Original Color**  
0026DA

**Protanomaly**  
003AAC

**Deuteranomaly**  
003D9E

**Tritanomaly**  
004185

# Monochromacy



**Original Color**  
0026DA

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
1E2C6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0026DA 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 #0026DA looks like.

```
.text, #text, p{  
    color:#0026DA  
}
```

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 #0026DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0026DA
}
```

## Border

The CSS property to change the border of an element to Hex 0026DA 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
#0026DA }
```

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

```
.border{ border-color:#0026DA }
```

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

Here you see how a box with a 4 pixel #0026DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0026DA; -webkit-box-shadow:4px 4px  
4px 4px #0026DA; box-shadow:4px 4px 4px  
4px #0026DA }
```

# Background

The CSS property to change the background color of an element to Hex 0026DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0026DA }
```

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

```
.background{ background-color:#0026DA }
```

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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