

# Converting Colors

Hex(1042AD)

Have a look what the booklet for  
Hex(1042AD) contains.

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# Color

**Hex(1042AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1042AD
RGB	16, 66, 173
RGB Percent	6%, 26%, 68%
CMY	0.9373, 0.7412, 0.3216
CMYK	0.91, 0.62, 0.00, 0.32
HSL	221°, 83%, 37%
HSV	221°, 91%, 68%
XYZ	9.7047, 7.0237, 40.3794
YIQ	63.2480, -64.1470, 22.6770

# Conversions

## Conversions Part 2

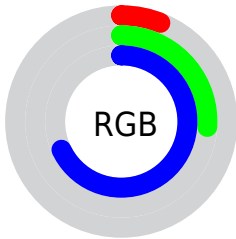
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 54, 173
Decimal	1065645
CIE <sub>Lab</sub>	31.86, 27.40, -61.17
CIE <sub>LCh</sub>	32, 67.028, 294.128
Yxy	7.0237, 0.1699, 0.1230
Android (android.graphics.Color)	4279255725 (0xFF1042AD)
YUV	63.2480, 54.1077, -41.4365
Hunter-Lab	26.5023, 18.9849, -71.7837

# Details

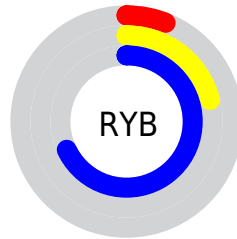
The Hex color **1042AD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AD7B10**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5F71E5**, and **001977** is the 20% darker color. If you saturate the color by 10%, you get **0037AD**, and if you desaturate by 10%, it is **214EAD**.

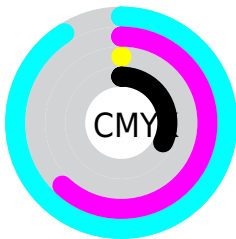
# Distribution



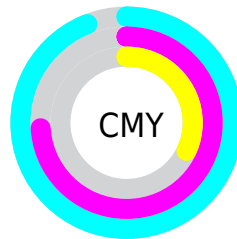
- Red (6%)
- Green (26%)
- Blue (68%)



- Red (6%)
- Yellow (21%)
- Blue (68%)



- Cyan (91%)
- Magenta (62%)
- Yellow (0%)
- Black (32%)



- Cyan (94%)
- Magenta (74%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1042AD 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 1042AD by changing the saturation by 10% instead.



■ 1042AD

■ 1042AD

FFFFFF

■ 002C92

■ 5F71E5

■ 001977

■ 7E8BFF

■ 00005E

■ 9BA5FF

■ 000845

■ B9C0FF

■ 00042E

■ D7DCFF

■ 000118

■ F5F8FF

■ 000000

■ 1042AD

■ 1042AD

■ 0037AD

■ 214EAD

■ 335AAD

■ 4465AD

■ 5571AD

■ 677DAD

■ 7889AD

■ 8995AD

■ 9AA0AD

■ ACACAD

# Harmonies

## Analogous

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



0056B6



1042AD



7D1C8A

# Triad

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



1042AD



8B2A00



005F3F

# Complementary

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



1042AD



AD7B10

# 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.



005C00



1042AD



654600

# Square

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



1042AD



A00024



335400



006075

# Rectangle

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



1042AD



970069



335400



005E2C



# Sweetspot

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



1042AD



A4B7E0



10AD79



4C5870



F0F0F0



707070



# Same Dimension

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



1042AD



0047E0



2A10AD



4E5157



003096



000717



# Inverse Universe

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



AD1042



E00047



93AD10



574E51



960030



170007



# Previews

## White Background



This preview shows how the Hex color 1042AD looks on a white background.

## Color Contrast Check

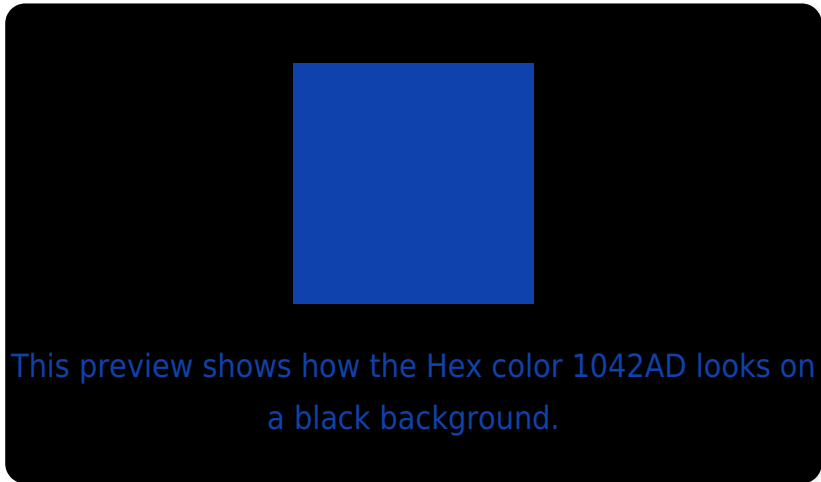
Large Text (above 18pt) WCAG AA ✓ Pass

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

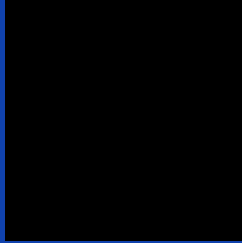
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1042AD Background



This preview shows how black text looks on a background with the Hex color 1042AD.



This preview shows how white text looks on a background with the Hex color 1042AD.

# 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**  
1042AD

**Protanopia**  
004899

**Deuteranopia**  
004D83



# Trichromacy



**Original Color**  
1042AD

**Protanomaly**  
0646A0

**Deuteranomaly**  
064992

**Tritanomaly**  
064D77

# Monochromacy



**Original Color**  
1042AD

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2E4067

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1042AD 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 #1042AD looks like.

```
.text, #text, p{  
    color:#1042AD  
}
```

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 #1042AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1042AD
}
```

## Border

The CSS property to change the border of an element to Hex 1042AD 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".

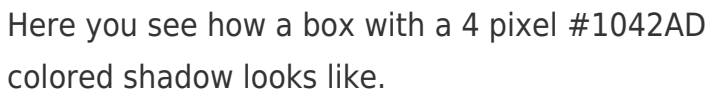
```
.border, #border, table{ border:4px solid
#1042AD }
```

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

```
.border{ border-color:#1042AD }
```

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

Here you see how a box with a 4 pixel #1042AD colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1042AD; -webkit-box-shadow:4px 4px  
4px 4px #1042AD; box-shadow:4px 4px 4px  
4px #1042AD }
```

# Background

The CSS property to change the background color of an element to Hex 1042AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1042AD }
```

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

```
.background{ background-color:#1042AD }
```

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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