

Converting Colors

Hex(3029AD)

Have a look what the booklet for
Hex(3029AD) contains.

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Color

Hex(3029AD)

Conversions

Conversions Part 1

Format	Color
Hex	3029AD
RGB	48, 41, 173
RGB Percent	19%, 16%, 68%
CMY	0.8118, 0.8392, 0.3216
CMYK	0.72, 0.76, 0.00, 0.32
HSL	243°, 62%, 42%
HSV	243°, 76%, 68%
XYZ	9.5547, 5.2314, 40.0413
YIQ	58.1410, -38.2000, 42.5360

Conversions

Conversions Part 2

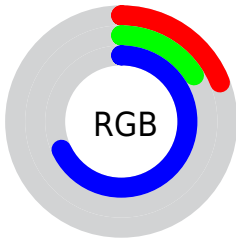
Format	Color
R _Y B	48, 41, 173
Decimal	3156397
CIE Lab	27.38, 45.49, -68.49
CIE LCh	27, 82.217, 303.589
Yxy	5.2314, 0.1743, 0.0954
Android (android.graphics.Color)	4281346477 (0xFF3029AD)
YUV	58.1410, 56.6255, -8.8937
Hunter-Lab	22.8722, 34.5406, -87.7857

Details

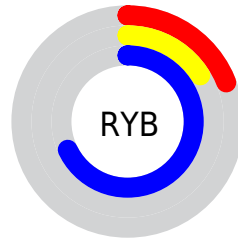
The Hex color **3029AD** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A6AD29**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7159E6**, and **000077** is the 20% darker color. If you saturate the color by 10%, you get **2018AD**, and if you desaturate by 10%, it is **403AAD**.

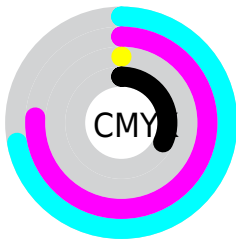
Distribution



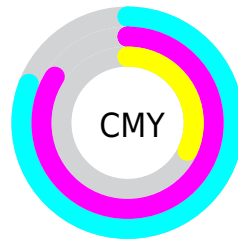
- Red (19%)
- Green (16%)
- Blue (68%)



- Red (19%)
- Yellow (16%)
- Blue (68%)



- Cyan (72%)
- Magenta (76%)
- Yellow (0%)
- Black (32%)



- Cyan (81%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3029AD 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 3029AD by changing the saturation by 10% instead.

■ 3029AD

■ 3029AD

FFFFFF

■ 001292

■ 7159E6

■ 000077

■ 8F72FF

■ 00005E

■ AD8CFF

■ 000845

■ CAA7FF

■ 00032D

■ E9C2FF

■ 000118

■ FFDEFF

■ 000000

■ FFFBFF

■ 3029AD

■ 3029AD

■ 2018AD

■ 403AAD

■ 0F06AD

■ 514CAD

■ 0900AD

■ 615DAD

■ 726EAD

■ 8280AD

■ 9291AD

■ A3A2AD

■ B3B3AD

■ C3C5AD

Harmonies

Analogous

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



004AC3



3029AD



8C007A

Triad

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



3029AD



7A2200



005647

Complementary

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



3029AD



A6AD29

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.



005400



3029AD



4A4200

Square

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



3029AD



9B0000



004F00



005787

Rectangle

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



3029AD



A10051



004F00



005531

Sweetspot

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



3029AD



B0ADE0



29A6AD



525170



F0F0F0



707070

Same Dimension

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



3029AD



1D12E0



7229AD



4E4E57



080096



010017

Inverse Universe

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



AD29A6



E012D5



64AD29



574E56



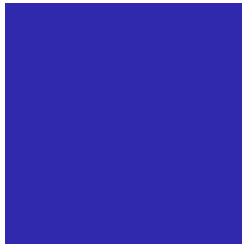
96008E



170016

Previews

White Background



This preview shows how the Hex color 3029AD looks on a white background.

Color Contrast Check

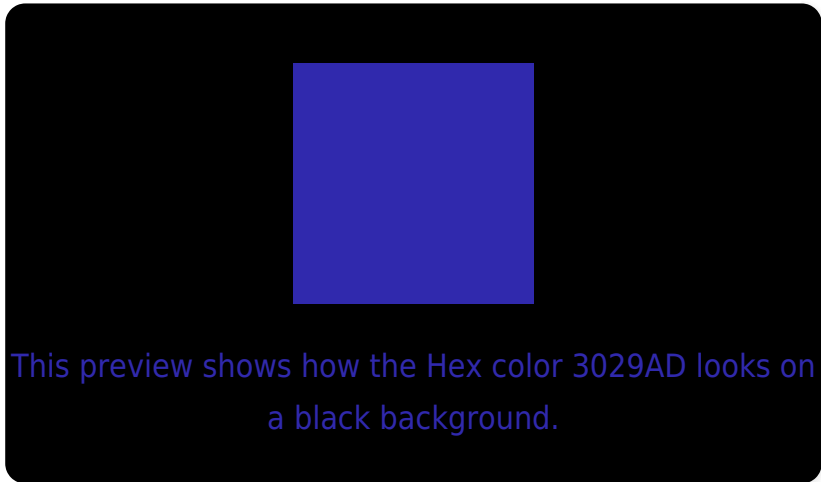
Large Text (above 18pt) WCAG AA ✓ Pass

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

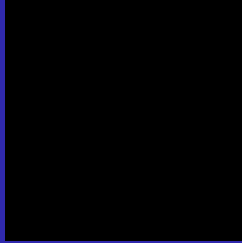
Any Text WCAG AA × Fail

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 3029AD Background



This preview shows how black text looks on a background with the Hex color 3029AD.

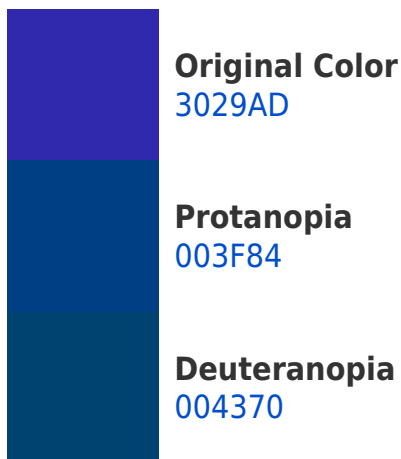



This preview shows how white text looks on a background with the Hex color 3029AD.

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
00484C

Trichromacy



Original Color
3029AD

Protanomaly
113793

Deuteranomaly
113A86

Tritanomaly
113D6F

Monochromacy



Original Color
3029AD

Achromatopsia
3A3A3A

Achromatomaly
363464

CSS Examples

Text

The CSS property to change the color of the text to Hex 3029AD 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 #3029AD looks like.

```
.text, #text, p{  
    color:#3029AD  
}
```

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 #3029AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3029AD }  
}
```

Border

The CSS property to change the border of an element to Hex 3029AD 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 #3029AD }  
}
```

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

```
.border{ border-color:#3029AD }
```

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

Here you see how a box with a 4 pixel #3029AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3029AD; -webkit-box-shadow:4px 4px  
4px 4px #3029AD; box-shadow:4px 4px 4px  
4px #3029AD }
```

Background

The CSS property to change the background color of an element to Hex 3029AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3029AD }
```

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

```
.background{ background-color:#3029AD }
```

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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