

Converting Colors

Hex(0029A8)

Have a look what the booklet for
Hex(0029A8) contains.

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Color

Hex(0029A8)

Conversions

Conversions Part 1

Format	Color
Hex	0029A8
RGB	0, 41, 168
RGB Percent	0%, 16%, 66%
CMY	1.0000, 0.8392, 0.3412
CMYK	1.00, 0.76, 0.00, 0.34
HSL	225°, 100%, 33%
HSV	225°, 100%, 66%
XYZ	7.8608, 4.4130, 37.4833
YIQ	43.2190, -65.2030, 30.8050

Conversions

Conversions Part 2

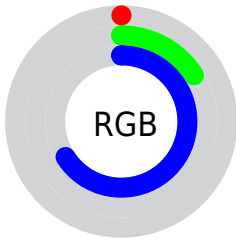
Format	Color
RYB	0, 33, 168
Decimal	10664
CIELab	24.99, 41.15, -69.49
CIElCh	25, 80.765, 300.633
Yxy	4.4130, 0.1580, 0.0887
Android (android.graphics.Color)	4278200744 (0xFF0029A8)
YUV	43.2190, 61.5170, -37.9031
Hunter-Lab	21.0072, 30.0314, -91.0864

Details

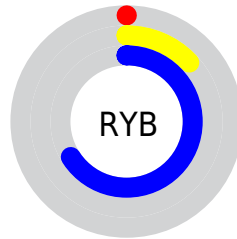
The Hex color **0029A8** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **A87F00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C57E0**, and **000172** is the 20% darker color. If you saturate the color by 10%, you get **0029A8**, and if you desaturate by 10%, it is **1136A8**.

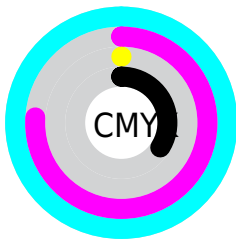
Distribution



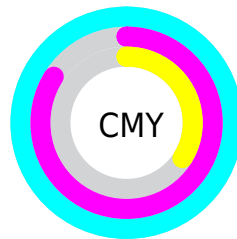
- Red (0%)
- Green (16%)
- Blue (66%)



- Red (0%)
- Yellow (13%)
- Blue (66%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (84%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0029A8 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 0029A8 by changing the saturation by 10% instead.

■ 0029A8

■ 0029A8

FFFFFF

■ 00148D

■ 5C57E0

■ 000172

■ 7B70FE

■ 000059

■ 998AFF

■ 000740

■ B7A4FF

■ 000329

■ D6BFFF

■ 000113

■ F4DBFF

■ 000000

■ FFF8FF

■ 0029A8

■ 1136A8

■ 2242A8

■ 324FA8

■ 435CA8

■ 5468A8

■ 6575A8

■ 7682A8

■ 868FA8

■ 979BA8

Harmonies

Analogous

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



0046BA



0029A8



7F0079

Triad

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



0029A8



761600



004F3B

Complementary

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



0029A8



A8F00

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.



004D00



0029A8



493A00

Square

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



0029A8



950000



004800



005179

Rectangle

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



0029A8



970051



004800



004F25

Sweetspot

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



0029A8



9AAADB



00A87E



46506E



EDEDED



6E6E6E

Same Dimension

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



0029A8



0036DB



2A00A8



4C4E54



002494



000514

Inverse Universe

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



A80029



DB0036



7EA800



544C4E



940024



140005

Previews

White Background



This preview shows how the Hex color 0029A8 looks on a white background.

Color Contrast Check

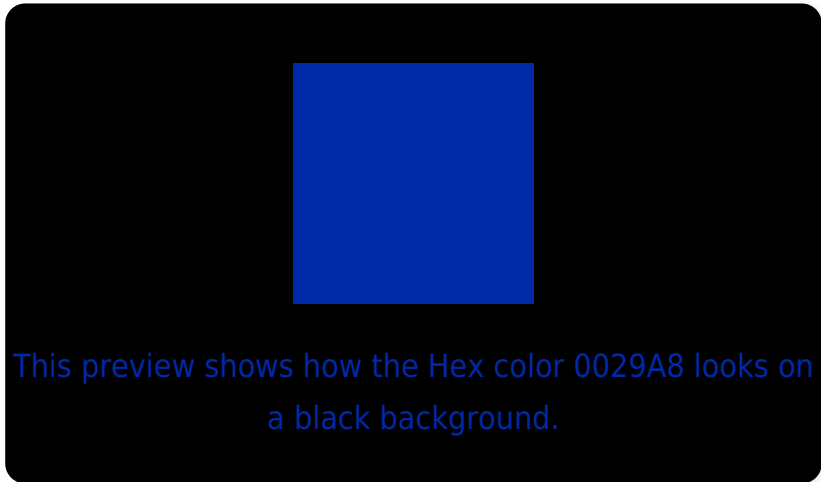
Large Text (above 18pt) WCAG AA ✓ Pass

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

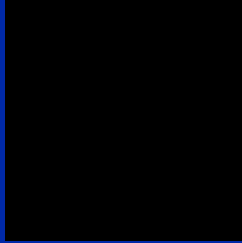
Any Text WCAG AA × Fail

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 0029A8 Background



This preview shows how black text looks on a background with the Hex color 0029A8.



This preview shows how white text looks on a background with the Hex color 0029A8.

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
0029A8

Protanopia
003A7A

Deuteranopia
003E68

Trichromacy



Original Color
0029A8

Protanomaly
00348B

Deuteranomaly
00367F

Tritanomaly
003A6A

Monochromacy



Original Color
0029A8

Achromatopsia
2B2B2B

Achromatomaly
1B2A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 0029A8 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 #0029A8 looks like.

```
.text, #text, p{  
    color:#0029A8  
}
```

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 #0029A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0029A8
}
```

Border

The CSS property to change the border of an element to Hex 0029A8 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
#0029A8 }
```

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

```
.border{ border-color:#0029A8 }
```

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

Here you see how a box with a 4 pixel #0029A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0029A8; -webkit-box-shadow:4px 4px  
4px 4px #0029A8; box-shadow:4px 4px 4px  
4px #0029A8 }
```

Background

The CSS property to change the background color of an element to Hex 0029A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0029A8 }
```

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

```
.background{ background-color:#0029A8 }
```

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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