

Converting Colors

Hex(0027AA)

Have a look what the booklet for
Hex(0027AA) contains.

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Color

Hex(0027AA)

Conversions

Conversions Part 1

Format	Color
Hex	0027AA
RGB	0, 39, 170
RGB Percent	0%, 15%, 67%
CMY	1.0000, 0.8471, 0.3333
CMYK	1.00, 0.77, 0.00, 0.33
HSL	226°, 100%, 33%
HSV	226°, 100%, 67%
XYZ	7.9812, 4.3533, 38.4498
YIQ	42.2730, -65.2950, 32.4730

Conversions

Conversions Part 2

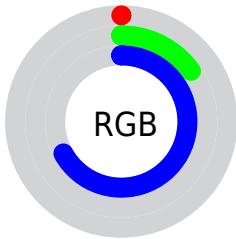
Format	Color
RYB	0, 32, 170
Decimal	10154
CIELab	24.81, 43.06, -71.01
CIELCh	25, 83.044, 301.233
Yxy	4.3533, 0.1572, 0.0857
Android (android.graphics.Color)	4278200234 (0xFF0027AA)
YUV	42.2730, 62.9694, -37.0734
Hunter-Lab	20.8646, 31.7675, -94.6559

Details

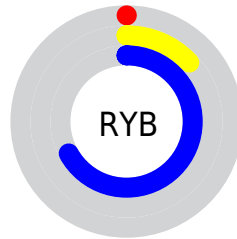
The Hex color **0027AA** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **AA8300**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5D55E3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **0027AA**, and if you desaturate by 10%, it is **1134AA**.

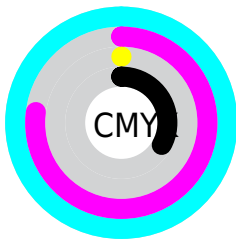
Distribution



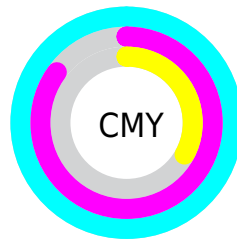
- Red (0%)
- Green (15%)
- Blue (67%)



- Red (0%)
- Yellow (13%)
- Blue (67%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (85%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0027AA 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 0027AA by changing the saturation by 10% instead.

■ 0027AA

■ 0027AA

FFFFFF

■ 00128F

■ 5D55E3

■ 000074

■ 7C6EFF

■ 00005B

■ 9B88FF

■ 000742

■ B9A2FF

■ 00032B

■ D7BDFF

■ 000115

■ F5D9FF

■ 000000

■ FFF6FF

■ 0027AA

■ 1134AA

■ 2241AA

■ 334EAA

■ 445BAA

■ 5568AA

■ 6676AA

■ 7783AA

■ 8890AA

■ 999DAA

Harmonies

Analogous

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



0046BE



0027AA



810079

Triad

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



0027AA



761500



004F3C

Complementary

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



0027AA



AA8300

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



0027AA



473A00

Square

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



0027AA



960000



004800



00517C

Rectangle

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



0027AA



990050



004800



004E26

Sweetspot

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



0027AA



9BABDE



00AA82



485170



F0F0F0



707070

Same Dimension

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



0027AA



0033DE



2D00AA



4C4E54



002294



000514

Inverse Universe

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



AA0027



DE0033



7DAA00



544C4E



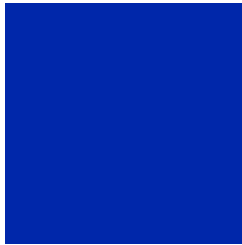
940022



140005

Previews

White Background



This preview shows how the Hex color 0027AA looks on a white background.

Color Contrast Check

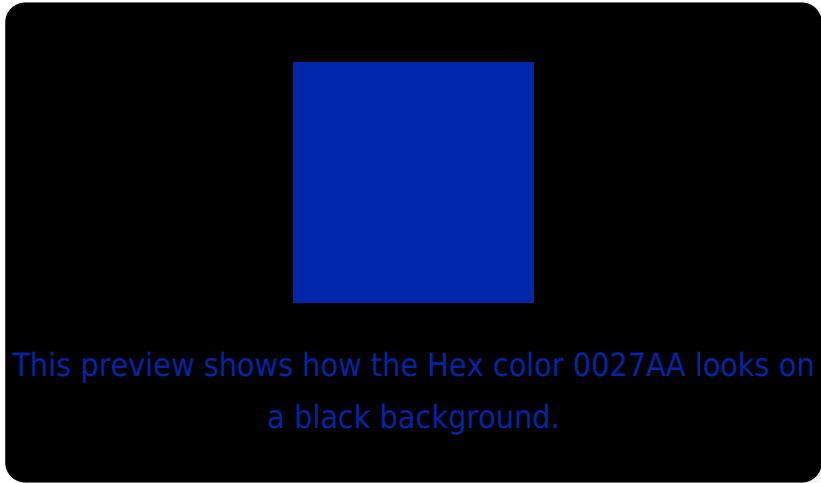
Large Text (above 18pt) WCAG AA ✓ Pass

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

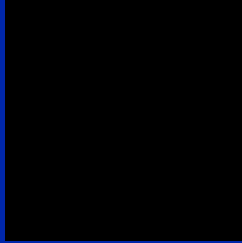
Any Text WCAG AA × Fail

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 0027AA Background



This preview shows how black text looks on a background with the Hex color 0027AA.



This preview shows how white text looks on a background with the Hex color 0027AA.

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
0027AA

Protanopia
003A79

Deuteranopia
003D67

Trichromacy



Original Color
0027AA

Protanomaly
00338B

Deuteranomaly
00357F

Tritanomaly
00386A

Monochromacy



Original Color
0027AA

Achromatopsia
2A2A2A

Achromatomaly
1B2959

CSS Examples

Text

The CSS property to change the color of the text to Hex 0027AA 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 #0027AA looks like.

```
.text, #text, p{  
    color:#0027AA  
}
```

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 #0027AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0027AA
}
```

Border

The CSS property to change the border of an element to Hex 0027AA 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
#0027AA }
```

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

```
.border{ border-color:#0027AA }
```

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

Here you see how a box with a 4 pixel #0027AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0027AA; -webkit-box-shadow:4px 4px  
4px 4px #0027AA; box-shadow:4px 4px 4px  
4px #0027AA }
```

Background

The CSS property to change the background color of an element to Hex 0027AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0027AA }
```

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

```
.background{ background-color:#0027AA }
```

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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