

Converting Colors

Hex(2700A8)

Have a look what the booklet for
Hex(2700A8) contains.

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Color

Hex(2700A8)

Conversions

Conversions Part 1

Format	Color
Hex	2700A8
RGB	39, 0, 168
RGB Percent	15%, 0%, 66%
CMY	0.8471, 1.0000, 0.3412
CMYK	0.77, 1.00, 0.00, 0.34
HSL	254°, 100%, 33%
HSV	254°, 100%, 66%
XYZ	7.9046, 3.2585, 37.2581
YIQ	30.8130, -30.6840, 60.5160

Conversions

Conversions Part 2

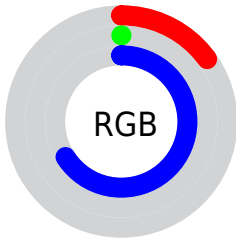
Format	Color
RYB	39, 0, 168
Decimal	2556072
CIELab	21.05, 58.55, -76.01
CIELCh	21, 95.943, 307.606
Yxy	3.2585, 0.1632, 0.0673
Android (android.graphics.Color)	4280746152 (0xFF2700A8)
YUV	30.8130, 67.6332, 7.1800
Hunter-Lab	18.0513, 46.5747, -109.7396

Details

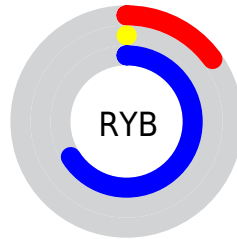
The Hex color **2700A8** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **81A800**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6D3CE1**, and **000072** is the 20% darker color. If you saturate the color by 10%, you get **2700A8**, and if you desaturate by 10%, it is **3411A8**.

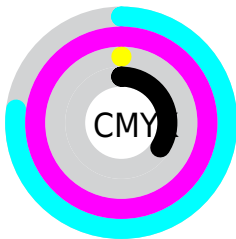
Distribution



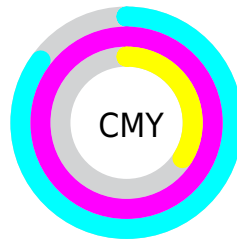
- Red (15%)
- Green (0%)
- Blue (66%)



- Red (15%)
- Yellow (0%)
- Blue (66%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (85%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2700A8 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 2700A8 by changing the saturation by 10% instead.

 2700A8

 2700A8

 FFFBFF

 00008D

 6D3CE1

 000072

 8C56FE

 000059

 AA70FF

 000740

 C88BFF

 000329

 E6A6FF

 000113

 FFC2FF

 000000

 FFDEFF

 2700A8

 3411A8

 4122A8

 4E32A8

 5B43A8

 6754A8

 7465A8

 8176A8

 8E86A8

 9B97A8

Harmonies

Analogous

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



003DC7



2700A8



8B006B

Triad

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



2700A8



671100



004744

Complementary

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



2700A8



81A800

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.



004600



2700A8



2F3700

Square

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



2700A8



8F0000



004100



004A8B

Rectangle

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



2700A8



9E003C



004100



00472B

Sweetspot

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



2700A8



A99ADB



0084A8



4F466E



EDEDED



6E6E6E

Same Dimension

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



2700A8



3300DB



7800A8



4E4C54



220094



050014

Inverse Universe

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



A80081



DB00A8



30A800



544C52



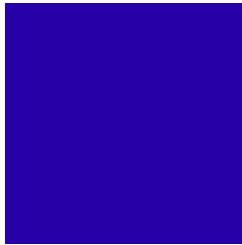
940072



140010

Previews

White Background



This preview shows how the Hex color 2700A8 looks on a white background.

Color Contrast Check

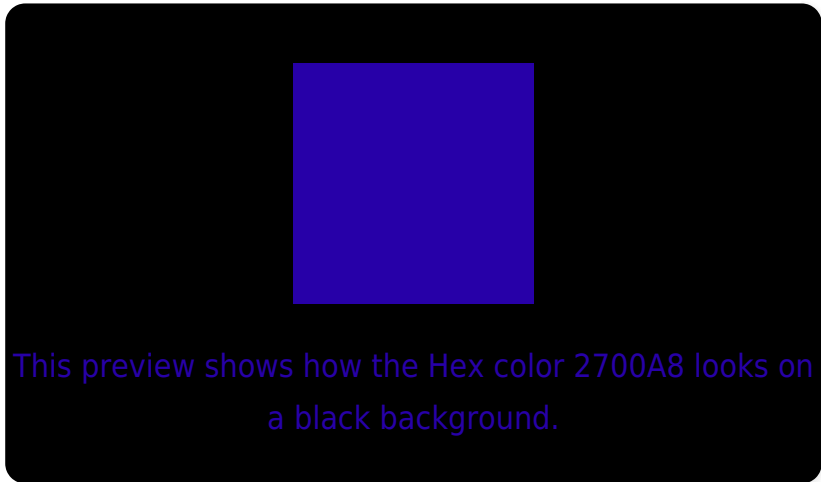
Large Text (above 18pt) WCAG AA ✓ Pass

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

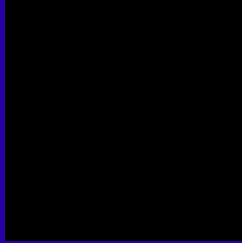
Any Text WCAG AA × Fail

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 2700A8 Background



This preview shows how black text looks on a background with the Hex color 2700A8.



This preview shows how white text looks on a background with the Hex color 2700A8.

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
2700A8

Protanopia
00346D

Deuteranopia
00375C



Tritanopia
003C3F

Trichromacy



Original Color
2700A8

Protanomaly
0E2182

Deuteranomaly
0E2378

Tritanomaly
0E2665

Monochromacy



Original Color
2700A8

Achromatopsia
1F1F1F

Achromatomaly
221451

CSS Examples

Text

The CSS property to change the color of the text to Hex 2700A8 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 #2700A8 looks like.

```
.text, #text, p{  
    color:#2700A8  
}
```

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 #2700A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2700A8
}
```

Border

The CSS property to change the border of an element to Hex 2700A8 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
#2700A8 }
```

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

```
.border{ border-color:#2700A8 }
```

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

Here you see how a box with a 4 pixel #2700A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2700A8; -webkit-box-shadow:4px 4px  
4px 4px #2700A8; box-shadow:4px 4px 4px  
4px #2700A8 }
```

Background

The CSS property to change the background color of an element to Hex 2700A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2700A8 }
```

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

```
.background{ background-color:#2700A8 }
```

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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