

Converting Colors

Hex(2700B8)

Have a look what the booklet for
Hex(2700B8) contains.

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Color

Hex(2700B8)

Conversions

Conversions Part 1

Format	Color
Hex	2700B8
RGB	39, 0, 184
RGB Percent	15%, 0%, 72%
CMY	0.8471, 1.0000, 0.2784
CMYK	0.79, 1.00, 0.00, 0.28
HSL	253°, 100%, 36%
HSV	253°, 100%, 72%
XYZ	9.4884, 3.8920, 45.5985
YIQ	32.6370, -35.8200, 65.4920

Conversions

Conversions Part 2

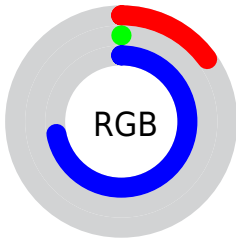
Format	Color
RYB	39, 0, 184
Decimal	2556088
CIELab	23.31, 62.50, -81.85
CIELCh	23, 102.989, 307.364
Yxy	3.8920, 0.1609, 0.0660
Android (android.graphics.Color)	4280746168 (0xFF2700B8)
YUV	32.6370, 74.6220, 5.5804
Hunter-Lab	19.7282, 51.3265, -123.2293

Details

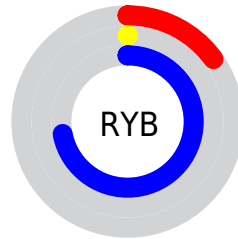
The Hex color **2700B8** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **91B800**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **713EF2**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **2700B8**, and if you desaturate by 10%, it is **3612B8**.

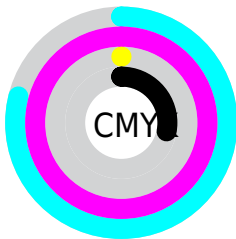
Distribution



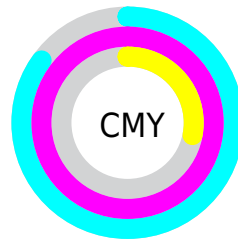
- Red (15%)
- Green (0%)
- Blue (72%)



- Red (15%)
- Yellow (0%)
- Blue (72%)



- Cyan (79%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (85%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2700B8 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 2700B8 by changing the saturation by 10% instead.

 2700B8

 2700B8

FFFFFF

 00009C

 713EF2

 000081

 9059FF

 000067

 AF73FF

 000A4E

 CE8EFF

 000536

 EDA9FF

 000220

 FFC5FF

 000003

 FFE2FF

 000000

 2700B8

 3612B8

 4425B8

 5337B8

 614AB8

 705CB8

 7E6EB8

 8D81B8

 9B93B8

 AAA6B8

Harmonies

Analogous

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



0043DA



2700B8



980075

Triad

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



2700B8



711100



004E4A

Complementary

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



2700B8



91B800

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.



004C00



2700B8



343C00

Square

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



2700B8



9C0000



004800



005097

Rectangle

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



2700B8



AC0043



004800



004D2F

Sweetspot

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



2700B8



B7A8F0



0093B8



564D78



F7F7F7



787878

Same Dimension

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



2700B8



3300F0



8100B8



55535C



21009C



06001C

Inverse Universe

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



B80091



F000BD



37B800



5C535A



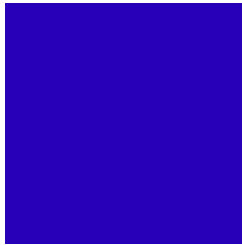
9C007B



1C0016

Previews

White Background



This preview shows how the Hex color 2700B8 looks on a white background.

Color Contrast Check

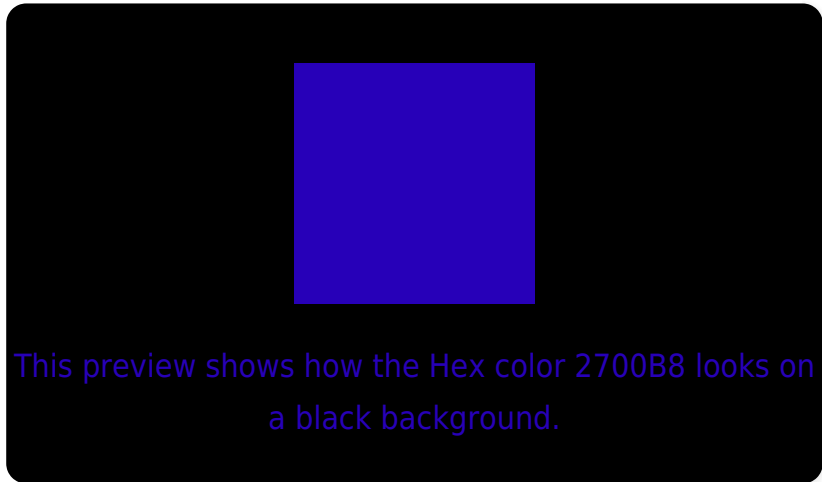
Large Text (above 18pt) WCAG AA ✓ Pass

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

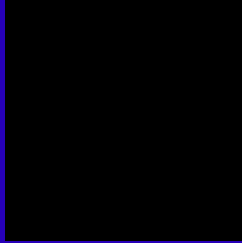
Any Text WCAG AA × Fail

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 2700B8 Background



This preview shows how black text looks on a background with the Hex color 2700B8.



This preview shows how white text looks on a background with the Hex color 2700B8.

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
2700B8

Protanopia
003876

Deuteranopia
003C64

Trichromacy



Original Color
2700B8

Protanomaly
0E248E

Deuteranomaly
0E2683

Tritanomaly
0E296E

Monochromacy



Original Color
2700B8

Achromatopsia
212121

Achromatomaly
231558

CSS Examples

Text

The CSS property to change the color of the text to Hex 2700B8 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 #2700B8 looks like.

```
.text, #text, p{  
    color:#2700B8  
}
```

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 #2700B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2700B8
}
```

Border

The CSS property to change the border of an element to Hex 2700B8 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
#2700B8 }
```

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

```
.border{ border-color:#2700B8 }
```

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

Here you see how a box with a 4 pixel #2700B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2700B8; -webkit-box-shadow:4px 4px  
4px 4px #2700B8; box-shadow:4px 4px 4px  
4px #2700B8 }
```

Background

The CSS property to change the background color of an element to Hex 2700B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2700B8 }
```

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

```
.background{ background-color:#2700B8 }
```

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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