

Converting Colors

Hex(2700C0)

Have a look what the booklet for
Hex(2700C0) contains.

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Color

Hex(2700C0)

Conversions

Conversions Part 1

Format	Color
Hex	2700C0
RGB	39, 0, 192
RGB Percent	15%, 0%, 75%
CMY	0.8471, 1.0000, 0.2471
CMYK	0.80, 1.00, 0.00, 0.25
HSL	252°, 100%, 38%
HSV	252°, 100%, 75%
XYZ	10.3511, 4.2371, 50.1414
YIQ	33.5490, -38.3880, 67.9800

Conversions

Conversions Part 2

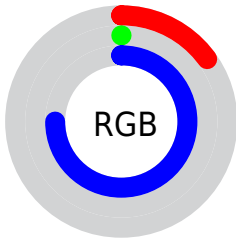
Format	Color
RYB	39, 0, 192
Decimal	2556096
CIELab	24.44, 64.46, -84.72
CIELCh	24, 106.457, 307.267
Yxy	4.2371, 0.1599, 0.0655
Android (android.graphics.Color)	4280746176 (0xFF2700C0)
YUV	33.5490, 78.1163, 4.7805
Hunter-Lab	20.5842, 53.7393, -130.0165

Details

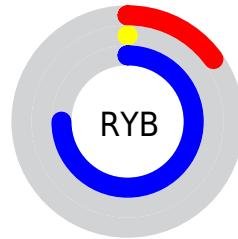
The Hex color **2700C0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **99C000**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7340FA**, and **000089** is the 20% darker color. If you saturate the color by 10%, you get **2700C0**, and if you desaturate by 10%, it is **3613C0**.

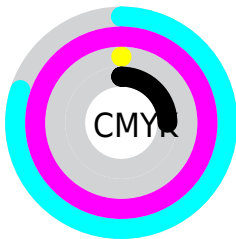
Distribution



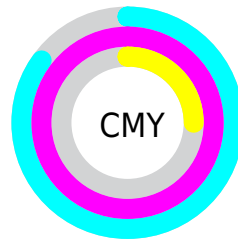
- Red (15%)
- Green (0%)
- Blue (75%)



- Red (15%)
- Yellow (0%)
- Blue (75%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (85%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2700C0 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 2700C0 by changing the saturation by 10% instead.

 2700C0

 2700C0

FFFFFF

 0000A4

 7340FA

 000089

 935AFF

 00006E

 B275FF

 000C55

 D190FF

 00063C

 F0ABFF

 000226

 FFC7FF

 00010E

 FFE4FF

 000000

 2700C0

 3613C0

 4626C0

 553AC0

 644DC0

 7460C0

 8373C0

 9286C0

 A19AC0

 B1ADC0

Harmonies

Analogous

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



0046E3



2700C0



9E007A

Triad

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



2700C0



761100



00514D

Complementary

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



2700C0



99C000

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.



004F00



2700C0



363E00

Square

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



2700C0



A20000



004B00



00549D

Rectangle

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



2700C0



B30046



004B00



005031

Sweetspot

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



2700C0



BEAFFA



009AC0



59507D



FCFCFC



7D7D7D

Same Dimension

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



2700C0



3300FA



8600C0



595761



2100A1



070021

Inverse Universe

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



C00099



FA00C7



3AC000



61575F



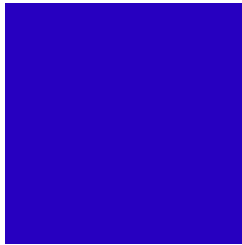
A10080



21001A

Previews

White Background



This preview shows how the Hex color 2700C0 looks on a white background.

Color Contrast Check

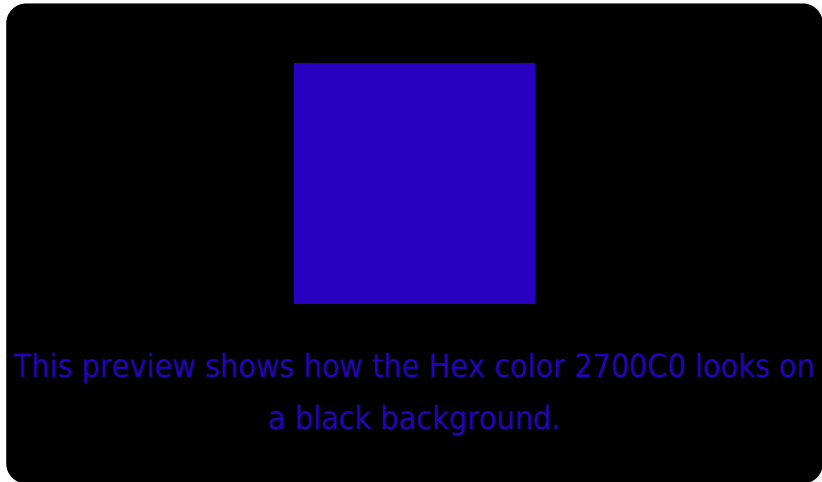
Large Text (above 18pt) WCAG AA ✓ Pass

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

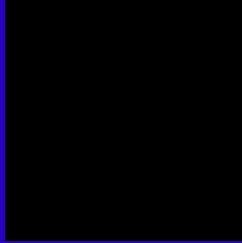
Any Text WCAG AA × Fail

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 2700C0 Background



This preview shows how black text looks on a background with the Hex color 2700C0.



This preview shows how white text looks on a background with the Hex color 2700C0.

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
2700C0

Protanopia
003A7A

Deuteranopia
003E68

Trichromacy



Original Color
2700C0

Protanomaly
0E2593

Deuteranomaly
0E2788

Monochromacy



Original Color
2700C0

Achromatopsia
222222

Achromatomaly
24165B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2700C0 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 #2700C0 looks like.

```
.text, #text, p{  
    color:#2700C0  
}
```

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 #2700C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2700C0
}
```

Border

The CSS property to change the border of an element to Hex 2700C0 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
#2700C0 }
```

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

```
.border{ border-color:#2700C0 }
```

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

Here you see how a box with a 4 pixel #2700C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2700C0; -webkit-box-shadow:4px 4px  
4px 4px #2700C0; box-shadow:4px 4px 4px  
4px #2700C0 }
```

Background

The CSS property to change the background color of an element to Hex 2700C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2700C0 }
```

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

```
.background{ background-color:#2700C0 }
```

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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