

# Converting Colors

Hex(2700D5)

Have a look what the booklet for  
Hex(2700D5) contains.

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# Color

**Hex(2700D5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2700D5
RGB	39, 0, 213
RGB Percent	15%, 0%, 84%
CMY	0.8471, 1.0000, 0.1647
CMYK	0.82, 1.00, 0.00, 0.16
HSL	251°, 100%, 42%
HSV	251°, 100%, 84%
XYZ	12.8469, 5.2354, 63.2842
YIQ	35.9430, -45.1290, 74.5110

# Conversions

## Conversions Part 2

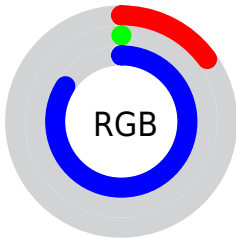
Format	Color
<a href="#">RYB</a>	<a href="#">39, 0, 213</a>
Decimal	<a href="#">2556117</a>
CIELab	<a href="#">27.40, 69.55, -92.09</a>
CIElCh	<a href="#">27, 115.402, 307.063</a>
Yxy	<a href="#">5.2354, 0.1579, 0.0643</a>
Android (android.graphics.Color)	<a href="#">4280746197 (0xFF2700D5)</a>
YUV	<a href="#">35.9430, 87.2891, 2.6810</a>
Hunter-Lab	<a href="#">22.8811, 60.1798, -147.9669</a>

# Details

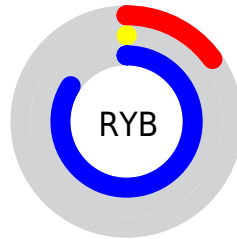
The Hex color **2700D5** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **AED500**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7843FF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **2700D5**, and if you desaturate by 10%, it is **3815D5**.

# Distribution



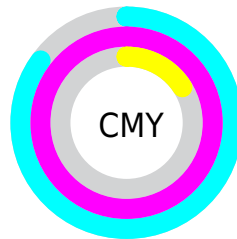
- Red (15%)
- Green (0%)
- Blue (84%)



- Red (15%)
- Yellow (0%)
- Blue (84%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (85%)
- Magenta (100%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2700D5 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 2700D5 by changing the saturation by 10% instead.



 2700D5

 2700D5


FFFFFF

 0000B8

 7843FF

 00009C

 995EFF

 000081

 B978FF

 000667

 D894FF

 000A4E

 F8B0FF

 000536

 FFCCFF

 000220

 FFE9FF

 000003

 000000

 2700D5

 3815D5

 4A2BD5

 5B40D5

 6D55D5

 7E6BD5

 8F80D5

 A195D5

 B2AAD5

 C4C0D5

# Harmonies

## Analogous

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



004EFC



2700D5



AE0088

# Triad

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



2700D5



831200



005A55

# Complementary

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



2700D5



AED500

# 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.



005700



2700D5



3D4500

# Square

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



2700D5



B40000



005300



005DAE

# Rectangle

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



2700D5



C6004E



005300



005936



# Sweetspot

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



2700D5



C1B3FF



00B1D5



5A5280



000000



808080



# Same Dimension

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



2700D5



2F00FF



8E00D5



62606B



1F00AB



08002B



# Inverse Universe

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



D500AE



FF00D0



47D500



6B6069



AB008C

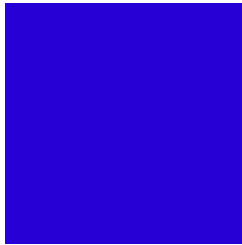


2B0023



# Previews

## White Background



This preview shows how the Hex color 2700D5 looks on a white background.

## Color Contrast Check

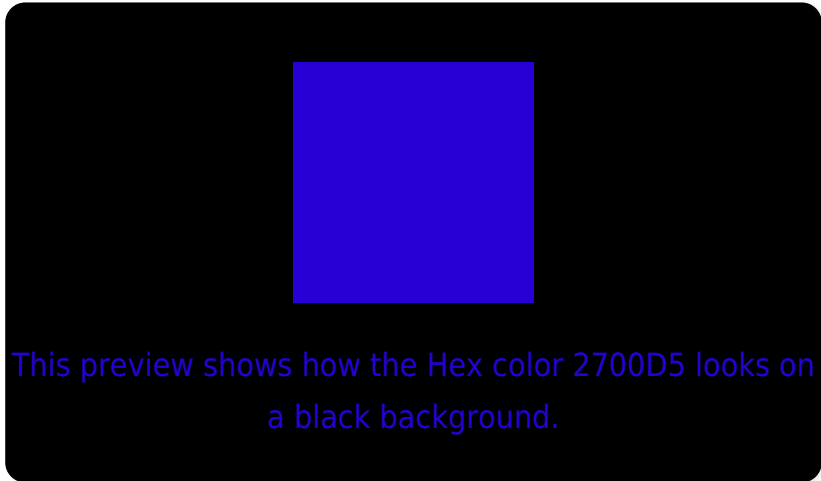
Large Text (above 18pt) WCAG AA ✓ Pass

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

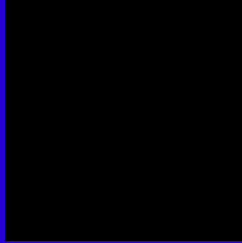
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2700D5 Background



This preview shows how black text looks on a background with the Hex color 2700D5.



This preview shows how white text looks on a background with the Hex color 2700D5.

# 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**  
2700D5

**Deuteranopia**  
004572

**Tritanopia**  
004A4D

# Trichromacy



**Original Color**  
2700D5

**Deuteranomaly**  
0E2C96

**Tritanomaly**  
0E2F7E

# Monochromacy



**Original Color**  
2700D5

**Achromatopsia**  
242424

**Achromatomaly**  
251764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2700D5 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 #2700D5 looks like.

```
.text, #text, p{  
    color:#2700D5  
}
```

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 #2700D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2700D5  
}
```

## Border

The CSS property to change the border of an element to Hex 2700D5 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  
#2700D5 }
```

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

```
.border{ border-color:#2700D5 }
```

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

Here you see how a box with a 4 pixel #2700D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2700D5; -webkit-box-shadow:4px 4px  
4px 4px #2700D5; box-shadow:4px 4px 4px  
4px #2700D5 }
```

# Background

The CSS property to change the background color of an element to Hex 2700D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2700D5 }
```

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

```
.background{ background-color:#2700D5 }
```

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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