

Converting Colors

Hex(2A0073)

Have a look what the booklet for
Hex(2A0073) contains.

Hex(2A0073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A0073)

Conversions

Conversions Part 1

Format	Color
Hex	2A0073
RGB	42, 0, 115
RGB Percent	16%, 0%, 45%
CMY	0.8353, 1.0000, 0.5490
CMYK	0.63, 1.00, 0.00, 0.55
HSL	262°, 100%, 23%
HSV	262°, 100%, 45%
XYZ	4.0494, 1.7300, 16.3402
YIQ	25.6680, -11.8830, 44.6690

Conversions

Conversions Part 2

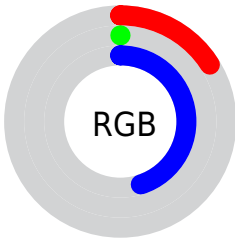
Format	Color
R_{YB}	42, 0, 115
Decimal	2752627
CIE Lab	14.00, 45.31, -54.56
CIE LCh	14, 70.920, 309.712
Yxy	1.7300, 0.1831, 0.0782
Android (android.graphics.Color)	4280942707 (0xFF2A0073)
YUV	25.6680, 44.0407, 14.3232
Hunter-Lab	13.1531, 31.9356, -64.4490

Details

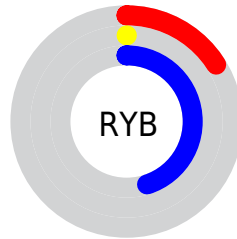
The Hex color **2A0073** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **497300**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6335A8**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **2A0073**, and if you desaturate by 10%, it is **310B73**.

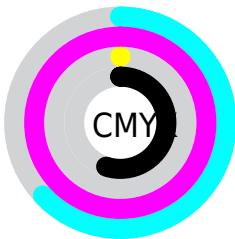
Distribution



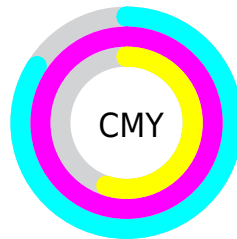
- Red (16%)
- Green (0%)
- Blue (45%)



- Red (16%)
- Yellow (0%)
- Blue (45%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (84%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0073 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 2A0073 by changing the saturation by 10% instead.


 2A0073

 2A0073

 FFEFFF

 04005A

 6335A8

 000041

 7F4DC4

 00032A

 9B67E0

 000114

 B781FD

 000000

 D49BFF

 F2B7FF

 FFD3FF

 2A0073

■ 310B73

■ 391773

■ 402373

■ 472E73

■ 4F3A73

■ 564573

■ 5D5173

■ 645C73

■ 6C6873

Harmonies

Analogous

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



00298B



2A0073



640047

Triad

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



2A0073



471100



003433

Complementary

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



2A0073



497300

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.



003200



2A0073



1E2700

Square

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



2A0073



640000



002F00



003664

Rectangle

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



2A0073



700027



002F00



003322

Sweetspot

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



2A0073



7A6996



004B73



3B314D



CCCCCC



4D4D4D

Same Dimension

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



2A0073



370096



620073



37353B



2D007A



5B00FA

Inverse Universe

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



730049



960060



117300



3B3539



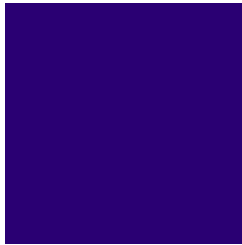
7A004E



FA009F

Previews

White Background



This preview shows how the Hex color 2A0073 looks on a white background.

Color Contrast Check

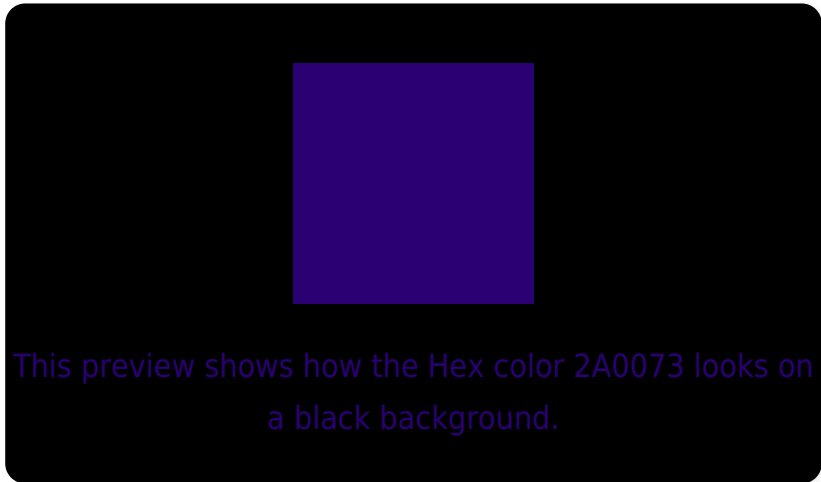
Large Text (above 18pt) WCAG AA ✓ Pass

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

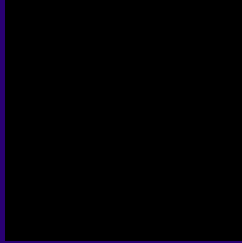
Any Text WCAG AA × Fail

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 2A0073 Background



This preview shows how black text looks on a background with the Hex color 2A0073.



This preview shows how white text looks on a background with the Hex color 2A0073.

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
2A0073

Protanopia
002650

Deuteranopia
002944

Trichromacy



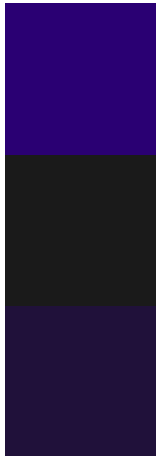
Original Color
2A0073

Protanomaly
0F185D

Deuteranomaly
0F1A55

Tritanomaly
0F1C48

Monochromacy



Original Color
2A0073

Achromatopsia
1A1A1A

Achromatomaly
20113A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0073 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 #2A0073 looks like.

```
.text, #text, p{  
    color:#2A0073  
}
```

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 #2A0073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0073
}
```

Border

The CSS property to change the border of an element to Hex 2A0073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

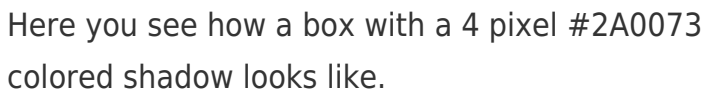
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0073 }
```

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

```
.border{ border-color:#2A0073 }
```

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



Here you see how a box with a 4 pixel #2A0073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0073; -webkit-box-shadow:4px 4px  
4px 4px #2A0073; box-shadow:4px 4px 4px  
4px #2A0073 }
```

Background

The CSS property to change the background color of an element to Hex 2A0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0073 }
```

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

```
.background{ background-color:#2A0073 }
```

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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