

# Converting Colors

Hex(2A056F)

Have a look what the booklet for  
Hex(2A056F) contains.

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# Color

**Hex(2A056F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A056F
RGB	42, 5, 111
RGB Percent	16%, 2%, 44%
CMY	0.8353, 0.9804, 0.5647
CMYK	0.62, 0.95, 0.00, 0.56
HSL	261°, 91%, 23%
HSV	261°, 95%, 44%
XYZ	3.8784, 1.7485, 15.1720
YIQ	28.1470, -11.9740, 40.8100

# Conversions

## Conversions Part 2

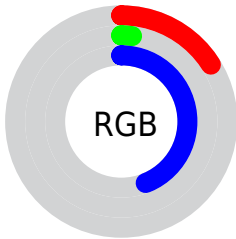
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 5, 111
Decimal	2753903
CIE <sub>Lab</sub>	14.11, 42.36, -51.78
CIE <sub>LCh</sub>	14, 66.898, 309.289
Yxy	1.7485, 0.1865, 0.0841
Android (android.graphics.Color)	4280943983 (0xFF2A056F)
YUV	28.1470, 40.8465, 12.1491
Hunter-Lab	13.2230, 29.2145, -58.7729

# Details

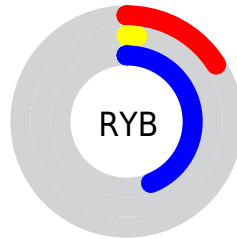
The Hex color **2A056F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4A6F05**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6238A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **27006F**, and if you desaturate by 10%, it is **31106F**.

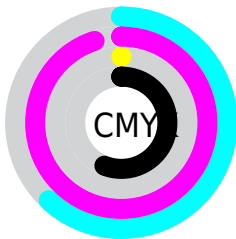
# Distribution



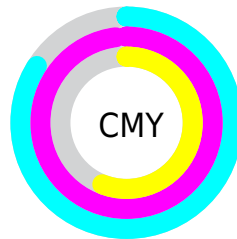
- Red (16%)
- Green (2%)
- Blue (44%)



- Red (16%)
- Yellow (2%)
- Blue (44%)



- Cyan (62%)
- Magenta (95%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (98%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A056F 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 2A056F by changing the saturation by 10% instead.



 2A056F

 2A056F

 FFF2FF

 070056

 6238A4

 00003E

 7D50BF

 000327

 9969DC

 000110

 B583F8

 000000

 D29EFF

 F0B9FF

 FFD5FF

 2A056F

 2A056F

■ 27006F

■ 31106F

■ 381B6F

■ 40266F

■ 47316F

■ 4E3D6F

■ 55486F

■ 5D536F

■ 645E6F

■ 6B696F

# Harmonies

## Analogous

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



002885



2A056F



610046

# Triad

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



2A056F



471200



003432

# Complementary

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



2A056F



4A6F05

# 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.



003300



2A056F



202700

# Square

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



2A056F



610000



002F00



003560

# Rectangle

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



2A056F



6C0028



002F00



003322



# Sweetspot

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



2A056F



766791



054C6F



39304A



C9C9C9



4A4A4A



# Same Dimension

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



2A056F



330091



5D056F



343238



2A0078



5600F7



# Inverse Universe

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



6F054A



91005F



176F05



383236



78004E

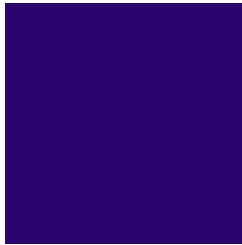


F700A1



# Previews

## White Background



This preview shows how the Hex color 2A056F looks on a white background.

## Color Contrast Check

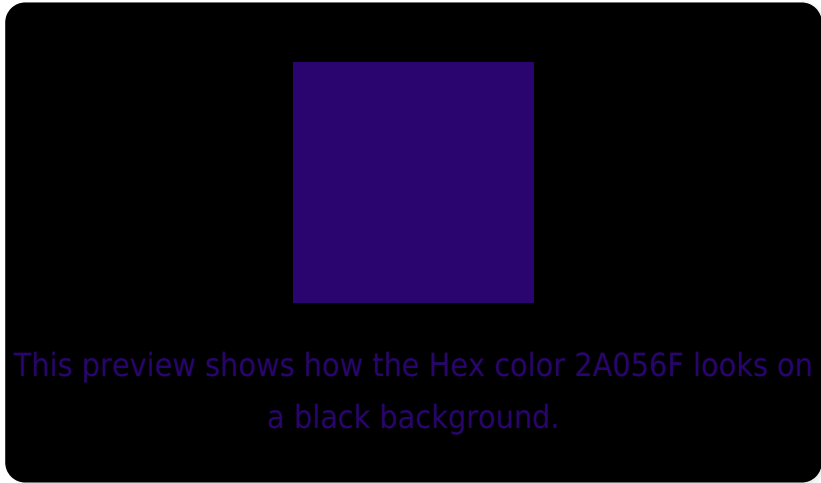
Large Text (above 18pt) WCAG AA ✓ Pass

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

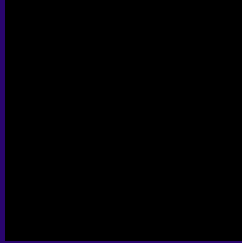
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2A056F Background



This preview shows how black text looks on a background with the Hex color 2A056F.



This preview shows how white text looks on a background with the Hex color 2A056F.

# 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**  
2A056F

**Protanopia**  
00254F

**Deuteranopia**  
002843



**Tritanopia**  
002B2E

# Trichromacy



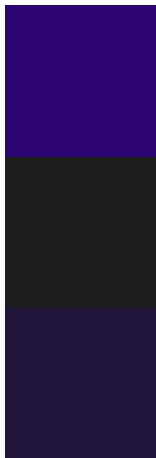
**Original Color**  
2A056F

**Protanomaly**  
0F195B

**Deuteranomaly**  
0F1B53

**Tritanomaly**  
0F1D46

# Monochromacy



**Original Color**  
2A056F

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
21143A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A056F 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 #2A056F looks like.

```
.text, #text, p{  
    color:#2A056F  
}
```

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 #2A056F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A056F
}
```

## Border

The CSS property to change the border of an element to Hex 2A056F is called "border". The border property can be set on classes, ids or directly on the HTML element.

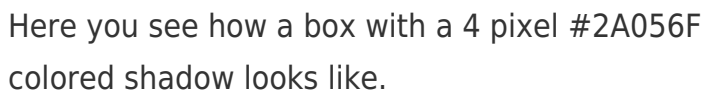
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A056F }
```

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

```
.border{ border-color:#2A056F }
```

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



Here you see how a box with a 4 pixel #2A056F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A056F; -webkit-box-shadow:4px 4px  
4px 4px #2A056F; box-shadow:4px 4px 4px  
4px #2A056F }
```

# Background

The CSS property to change the background color of an element to Hex 2A056F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A056F }
```

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

```
.background{ background-color:#2A056F }
```

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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