

Converting Colors

Hex(41009A)

Have a look what the booklet for
Hex(41009A) contains.

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Color

Hex(41009A)

Conversions

Conversions Part 1

Format	Color
Hex	41009A
RGB	65, 0, 154
RGB Percent	25%, 0%, 60%
CMY	0.7451, 1.0000, 0.3961
CMYK	0.58, 1.00, 0.00, 0.40
HSL	265°, 100%, 30%
HSV	265°, 100%, 60%
XYZ	8.0127, 3.4569, 30.8168
YIQ	36.9910, -10.6940, 61.6740

Conversions

Conversions Part 2

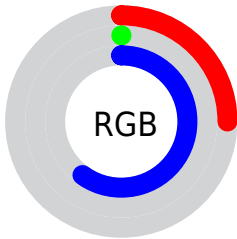
Format	Color
RYB	65, 0, 154
Decimal	4259994
CIELab	21.79, 56.36, -66.16
CIELCh	22, 86.911, 310.426
Yxy	3.4569, 0.1895, 0.0817
Android (android.graphics.Color)	4282450074 (0xFF41009A)
YUV	36.9910, 57.6854, 24.5639
Hunter-Lab	18.5928, 44.3887, -85.2559

Details

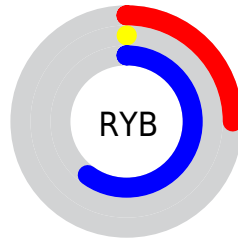
The Hex color **41009A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **599A00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7C3ED2**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **41009A**, and if you desaturate by 10%, it is **4A0F9A**.

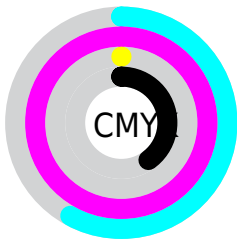
Distribution



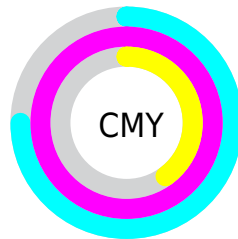
- Red (25%)
- Green (0%)
- Blue (60%)



- Red (25%)
- Yellow (0%)
- Blue (60%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (75%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41009A 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 41009A by changing the saturation by 10% instead.

 41009A

 41009A

FFFEFF

 1E007F

 7C3ED2

 000065

 9958EF

 00004C

 B772FF

 000534

 D48DFF

 00021E

 F2A8FF

 000001

 FFC4FF

 000000

 FFE1FF

 41009A

 4A0F9A

 531F9A

 5C2E9A

 653E9A

 6E4D9A

 765C9A

 7F6C9A

 887B9A

 918B9A

Harmonies

Analogous

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



003AB9



41009A



890061

Triad

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



41009A



621E00



00494A

Complementary

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



41009A



599A00

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.



004700



41009A



2C3900

Square

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



41009A



870000



004300



004A89

Rectangle

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



41009A



980037



004300



004834

Sweetspot

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



41009A



A78DC9



005A9A



514166



E6E6E6



666666

Same Dimension

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



41009A



5500C9



8D009A



48454D



3B008C



05000D

Inverse Universe

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



9A0059



C90074



0D9A00



4D4549



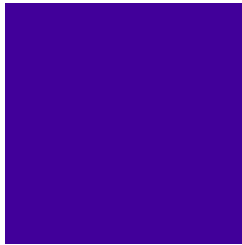
8C0051



0D0007

Previews

White Background



This preview shows how the Hex color 41009A looks on a white background.

Color Contrast Check

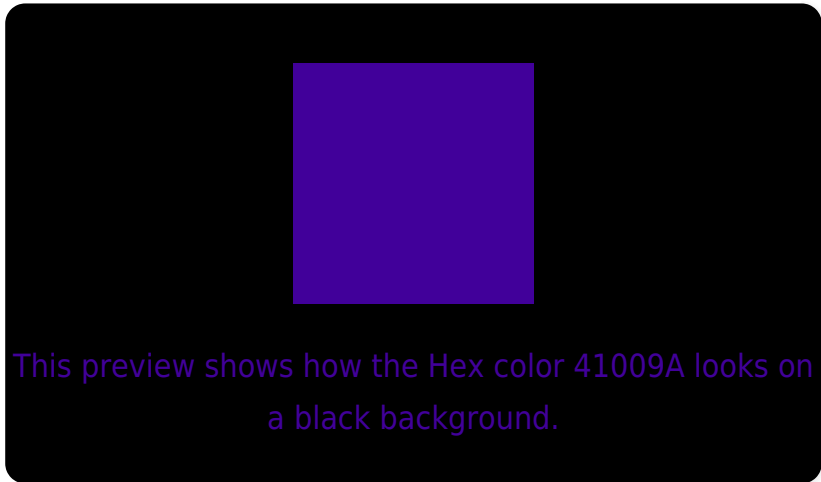
Large Text (above 18pt) WCAG AA ✓ Pass

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

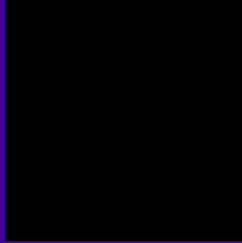
Any Text WCAG AA × Fail

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 41009A Background



This preview shows how black text looks on a background with the Hex color 41009A.



This preview shows how white text looks on a background with the Hex color 41009A.

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
41009A

Protanopia
003570

Deuteranopia
003960



Tritanopia
1D3C41

Trichromacy



Original Color
41009A

Protanomaly
18227F

Deuteranomaly
182475

Tritanomaly
2A2661

Monochromacy



Original Color
41009A

Achromatopsia
252525

Achromatomaly
2F1850

CSS Examples

Text

The CSS property to change the color of the text to Hex 41009A 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 #41009A looks like.

```
.text, #text, p{  
    color:#41009A  
}
```

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 #41009A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41009A
}
```

Border

The CSS property to change the border of an element to Hex 41009A 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
#41009A }
```

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

```
.border{ border-color:#41009A }
```

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

Here you see how a box with a 4 pixel #41009A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41009A; -webkit-box-shadow:4px 4px  
4px 4px #41009A; box-shadow:4px 4px 4px  
4px #41009A }
```

Background

The CSS property to change the background color of an element to Hex 41009A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41009A }
```

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

```
.background{ background-color:#41009A }
```

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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