

Converting Colors

Hex(4A0F97)

Have a look what the booklet for
Hex(4A0F97) contains.

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Color

Hex(4A0F97)

Conversions

Conversions Part 1

Format	Color
Hex	4A0F97
RGB	74, 15, 151
RGB Percent	29%, 6%, 59%
CMY	0.7098, 0.9412, 0.4078
CMYK	0.51, 0.90, 0.00, 0.41
HSL	266°, 82%, 33%
HSV	266°, 90%, 59%
XYZ	8.5808, 4.0319, 29.6041
YIQ	48.1450, -8.4920, 54.8040

Conversions

Conversions Part 2

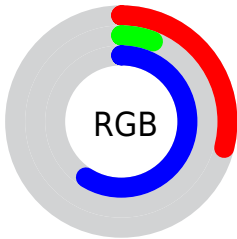
Format	Color
R_{YB}	74, 15, 151
Decimal	4853655
CIE _{Lab}	23.78, 52.85, -60.99
CIE _{LCh}	24, 80.701, 310.912
Yxy	4.0319, 0.2033, 0.0955
Android (android.graphics.Color)	4283043735 (0xFF4A0F97)
YUV	48.1450, 50.7075, 22.6748
Hunter-Lab	20.0795, 41.1412, -73.3584

Details

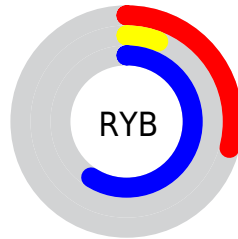
The Hex color **4A0F97** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5C970F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **8346CE**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **420097**, and if you desaturate by 10%, it is **531E97**.

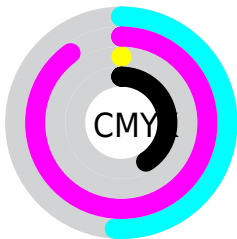
Distribution



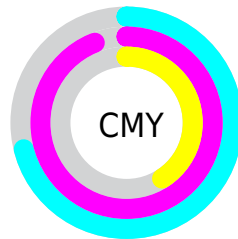
- Red (29%)
- Green (6%)
- Blue (59%)



- Red (29%)
- Yellow (6%)
- Blue (59%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (41%)



- Cyan (71%)
- Magenta (94%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A0F97 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 4A0F97 by changing the saturation by 10% instead.

 4A0F97

 4A0F97

FFFFFF

 2B007C

 8346CE

 000063

 A060EB

 00004A

 BD7AFF

 000432

 DA95FF

 00021C

 F8B0FF

 000000

 FFCCFF

 FFE9FF

 4A0F97

 4A0F97

■ 420097

■ 531E97

■ 5B2D97

■ 643C97

■ 6C4B97

■ 755B97

■ 7D6A97

■ 867997

■ 8E8897

■ 979797

Harmonies

Analogous

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



003CB4



4A0F97



8A0062

Triad

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



4A0F97



652500



004D4E

Complementary

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



4A0F97



5C970F

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.



004B0A



4A0F97



323E00

Square

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



4A0F97



880000



004700



004E89

Rectangle

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



4A0F97



98003A



004700



004C39

Sweetspot

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



4A0F97



A68FC4



0F5C97



514463



E3E3E3



636363

Same Dimension

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



4A0F97



5500C4



8E0F97



48454D



3D008C



06000D

Inverse Universe

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



970F5C



C4006F



18970F



4D4549



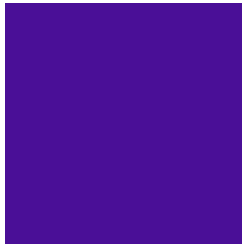
8C004F



0D0007

Previews

White Background



This preview shows how the Hex color 4A0F97 looks on a white background.

Color Contrast Check

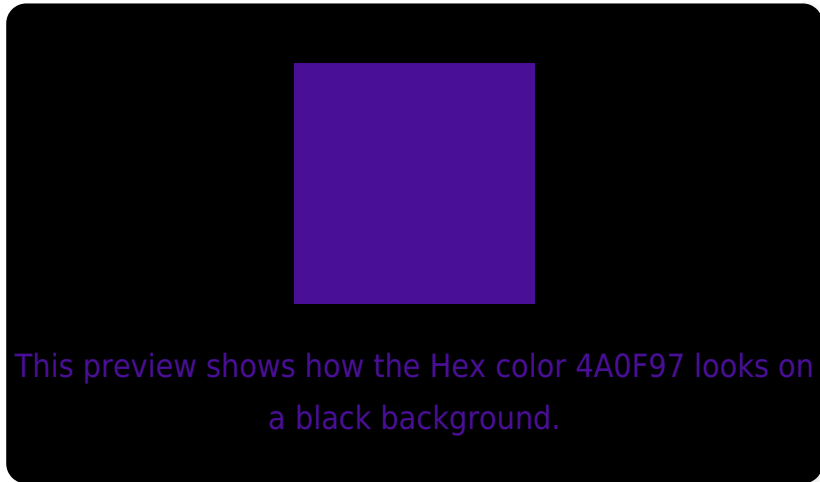
Large Text (above 18pt) WCAG AA ✓ Pass

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

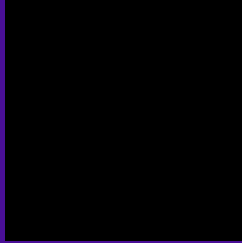
Any Text WCAG AA × Fail

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 4A0F97 Background



This preview shows how black text looks on a background with the Hex color 4A0F97.



This preview shows how white text looks on a background with the Hex color 4A0F97.

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
4A0F97

Protanopia
003876

Deuteranopia
003C65



Tritanopia
313C41

Trichromacy



Original Color
4A0F97

Protanomaly
1B2982

Deuteranomaly
1B2C77

Tritanomaly
3A2C60

Monochromacy



Original Color
4A0F97

Achromatopsia
303030

Achromatomaly
392455

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0F97 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 #4A0F97 looks like.

```
.text, #text, p{  
    color:#4A0F97  
}
```

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 #4A0F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0F97
}
```

Border

The CSS property to change the border of an element to Hex 4A0F97 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
#4A0F97 }
```

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

```
.border{ border-color:#4A0F97 }
```

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

Here you see how a box with a 4 pixel #4A0F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0F97; -webkit-box-shadow:4px 4px  
4px 4px #4A0F97; box-shadow:4px 4px 4px  
4px #4A0F97 }
```

Background

The CSS property to change the background color of an element to Hex 4A0F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0F97 }
```

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

```
.background{ background-color:#4A0F97 }
```

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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