

# Converting Colors

Hex(1A0074)

Have a look what the booklet for  
Hex(1A0074) contains.

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# Color

**Hex(1A0074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A0074
RGB	26, 0, 116
RGB Percent	10%, 0%, 45%
CMY	0.8980, 1.0000, 0.5451
CMYK	0.78, 1.00, 0.00, 0.55
HSL	253°, 100%, 23%
HSV	253°, 100%, 45%
XYZ	3.5784, 1.4806, 16.6202
YIQ	20.9980, -21.7400, 41.5880

# Conversions

## Conversions Part 2

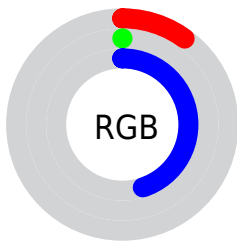
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 0, 116
Decimal	1704052
CIE <sub>Lab</sub>	12.48, 44.80, -57.78
CIE <sub>LCh</sub>	12, 73.112, 307.792
Yxy	1.4806, 0.1651, 0.0683
Android (android.graphics.Color)	4279894132 (0xFF1A0074)
YUV	20.9980, 46.8360, 4.3868
Hunter-Lab	12.1679, 31.2005, -72.4672

# Details

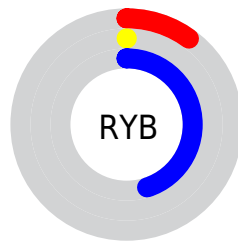
The Hex color **1A0074** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5A7400**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5933A9**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **1A0074**, and if you desaturate by 10%, it is **230C74**.

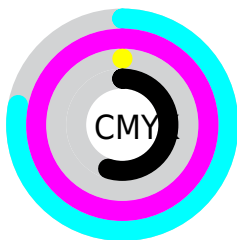
# Distribution



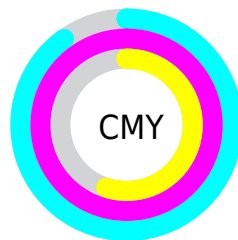
- Red (10%)
- Green (0%)
- Blue (45%)



- Red (10%)
- Yellow (0%)
- Blue (45%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (90%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A0074 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 1A0074 by changing the saturation by 10% instead.



 1A0074

 1A0074

 FFECFF


 00005B

 5933A9

 000042

 754BC5

 00032B

 9164E2

 000115

 AE7EFF

 000000

 CA98FF

 E8B3FF

 FFCFFF

 1A0074

■ 230C74

■ 2C1774

■ 352374

■ 3E2E74

■ 473A74

■ 504674

■ 595174

■ 625D74

■ 6B6874

# Harmonies

## Analogous

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



00278B



1A0074



600048

# Triad

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



1A0074



460900



002F2D

# Complementary

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



1A0074



5A7400

# 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.



002E00



1A0074



1E2300

# Square

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



1A0074



620000



002C00



003260

# Rectangle

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



1A0074



6D0027



002C00



002F1B



# Sweetspot

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



1A0074



736996



005B74



37314D



CCCCCC



4D4D4D



# Same Dimension

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



1A0074



220096



530074



36353B



1B007A



3800FA



# Inverse Universe

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



74005A



960075



217400



3B3539



7A005F

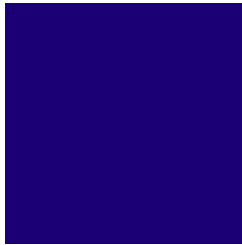


FA00C2



# Previews

## White Background



This preview shows how the Hex color 1A0074 looks on a white background.

## Color Contrast Check

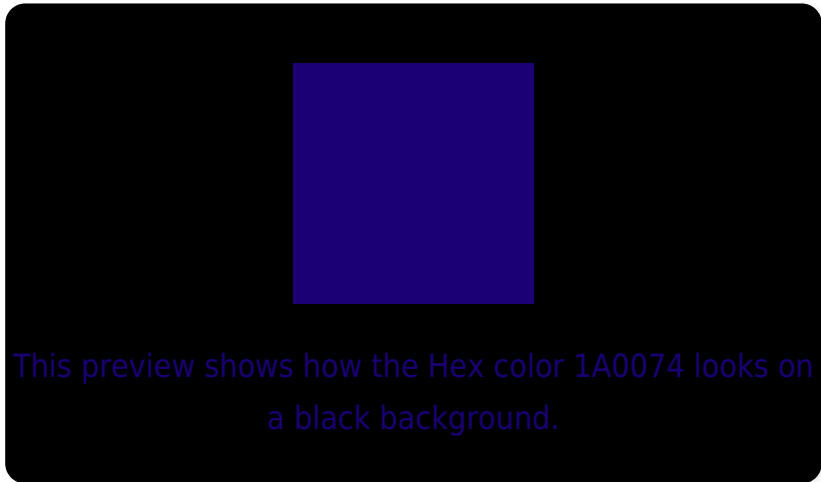
Large Text (above 18pt) WCAG AA ✓ Pass

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

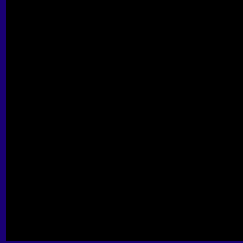
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A0074 Background



This preview shows how black text looks on a background with the Hex color 1A0074.



This preview shows how white text looks on a background with the Hex color 1A0074.

# 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**  
1A0074

**Protanopia**  
00244B

**Deuteranopia**  
00263F

# Trichromacy



**Original Color**  
1A0074

**Protanomaly**  
09175A

**Deuteranomaly**  
091852

# Monochromacy



**Original Color**  
1A0074

**Achromatopsia**  
151515

**Achromatomaly**  
170D38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A0074 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 #1A0074 looks like.

```
.text, #text, p{  
    color:#1A0074  
}
```

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 #1A0074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0074
}
```

## Border

The CSS property to change the border of an element to Hex 1A0074 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
#1A0074 }
```

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

```
.border{ border-color:#1A0074 }
```

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

Here you see how a box with a 4 pixel #1A0074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0074; -webkit-box-shadow:4px 4px  
4px 4px #1A0074; box-shadow:4px 4px 4px  
4px #1A0074 }
```

# Background

The CSS property to change the background color of an element to Hex 1A0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0074 }
```

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

```
.background{ background-color:#1A0074 }
```

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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