

# Converting Colors

Hex(110970)

Have a look what the booklet for  
Hex(110970) contains.

<b>Hex(110970)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(110970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	110970
RGB	17, 9, 112
RGB Percent	7%, 4%, 44%
CMY	0.9333, 0.9647, 0.5608
CMYK	0.85, 0.92, 0.00, 0.56
HSL	245°, 85%, 24%
HSV	245°, 92%, 44%
XYZ	3.2535, 1.4844, 15.4443
YIQ	23.1340, -28.2950, 33.7290

# Conversions

## Conversions Part 2

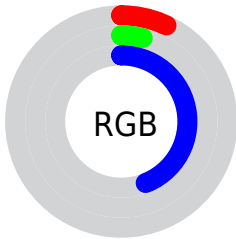
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 9, 112
Decimal	1116528
CIE <sub>Lab</sub>	12.51, 39.46, -55.15
CIE <sub>LCh</sub>	13, 67.816, 305.586
Yxy	1.4844, 0.1612, 0.0735
Android (android.graphics.Color)	4279306608 (0xFF110970)
YUV	23.1340, 43.8109, -5.3795
Hunter-Lab	12.1836, 26.3451, -66.6293

# Details

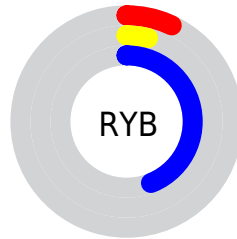
The Hex color **110970** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **687009**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5238A5**, and **00013F** is the 20% darker color. If you saturate the color by 10%, you get **090070**, and if you desaturate by 10%, it is **1B1470**.

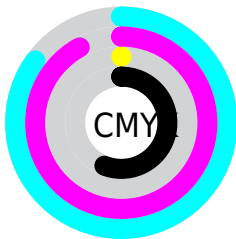
# Distribution



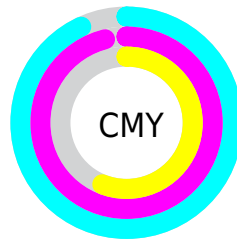
- Red (7%)
- Green (4%)
- Blue (44%)



- Red (7%)
- Yellow (4%)
- Blue (44%)



- Cyan (85%)
- Magenta (92%)
- Yellow (0%)
- Black (56%)




- Cyan (93%)
- Magenta (96%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 110970 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 110970 by changing the saturation by 10% instead.



 110970

 110970

 FFF0FF

 000057

 5238A5

 00013F

 6E50C1

 000328

 8A68DD

 000111


 A682FA

 000000

 C39CFF

 E0B8FF

 FED3FF

 110970

 110970

■ 090070

■ 1B1470

■ 261F70

■ 302B70

■ 3A3670

■ 454170

■ 4F4C70

■ 595770

■ 646370

■ 6E6E70

# Harmonies

## Analogous

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



002883



110970



5A0049

# Triad

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



110970



460800



002F29

# Complementary

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



110970



687009

# 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



110970



222200

# Square

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



110970



600000



002B00



003258

# Rectangle

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



110970



67002A



002B00



002F18



# Sweetspot

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



110970



6C6991



096970



33314A



C9C9C9



4A4A4A



# Same Dimension

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



110970



0B0091



430970



333238



090078



1300F7



# Inverse Universe

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



700968



910086



367009



383238



78006F

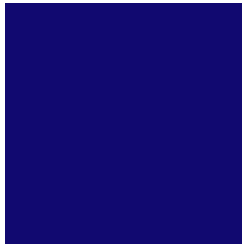


F700E4



# Previews

## White Background



This preview shows how the Hex color 110970 looks on a white background.

## Color Contrast Check

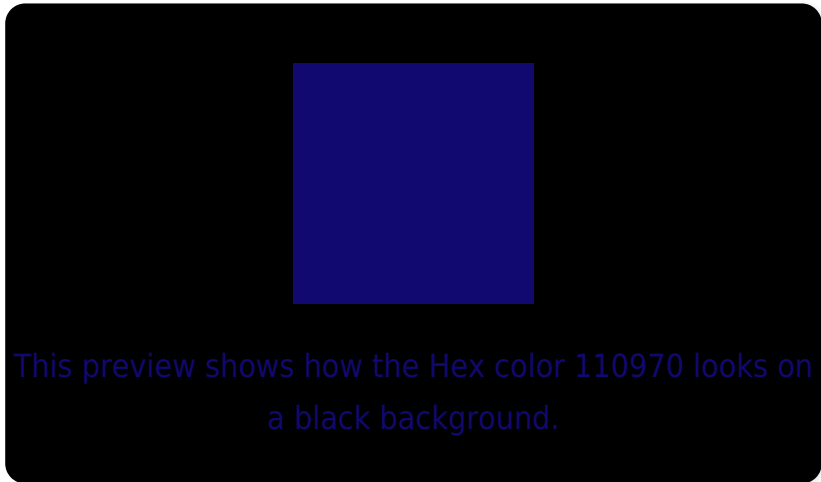
Large Text (above 18pt) WCAG AA ✓ Pass

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

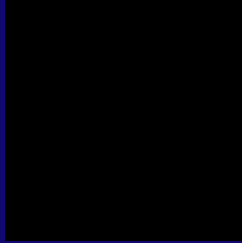
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 110970 Background



This preview shows how black text looks on a background with the Hex color 110970.



This preview shows how white text looks on a background with the Hex color 110970.

# 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**  
110970

**Protanopia**  
002247

**Deuteranopia**  
00243C



# Trichromacy



**Original Color**  
110970

**Protanomaly**  
061956

**Deuteranomaly**  
061A4F

**Tritanomaly**  
061C43

# Monochromacy



**Original Color**  
110970

**Achromatopsia**  
171717

**Achromatomaly**  
151237

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 110970 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 #110970 looks like.

```
.text, #text, p{  
    color:#110970  
}
```

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 #110970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #110970
}
```

## Border

The CSS property to change the border of an element to Hex 110970 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".

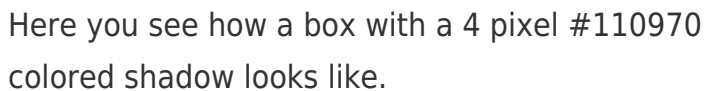
```
.border, #border, table{ border:4px solid
#110970 }
```

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

```
.border{ border-color:#110970 }
```

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

Here you see how a box with a 4 pixel #110970 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #110970; -webkit-box-shadow:4px 4px  
4px 4px #110970; box-shadow:4px 4px 4px  
4px #110970 }
```

# Background

The CSS property to change the background color of an element to Hex 110970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#110970 }
```

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

```
.background{ background-color:#110970 }
```

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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