

Converting Colors

Hex(111970)

Have a look what the booklet for
Hex(111970) contains.

Hex(111970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(111970)

Conversions

Conversions Part 1

Format	Color
Hex	111970
RGB	17, 25, 112
RGB Percent	7%, 10%, 44%
CMY	0.9333, 0.9020, 0.5608
CMYK	0.85, 0.78, 0.00, 0.56
HSL	235°, 74%, 25%
HSV	235°, 85%, 44%
XYZ	3.5034, 1.9843, 15.5276
YIQ	32.5260, -32.6950, 25.3610

Conversions

Conversions Part 2

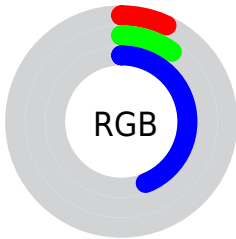
Format	Color
R_{YB}	17, 24, 112
Decimal	1120624
CIE _{Lab}	15.40, 31.04, -50.34
CIE _{LCh}	15, 59.143, 301.653
Yxy	1.9843, 0.1667, 0.0944
Android (android.graphics.Color)	4279310704 (0xFF111970)
YUV	32.5260, 39.1807, -13.6163
Hunter-Lab	14.0865, 19.7432, -55.4952

Details

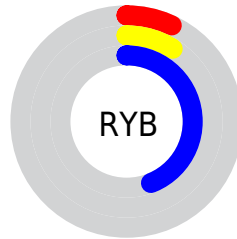
The Hex color **111970** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **706811**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5145A5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **060F70**, and if you desaturate by 10%, it is **1C2370**.

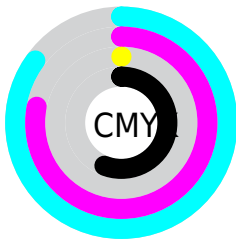
Distribution



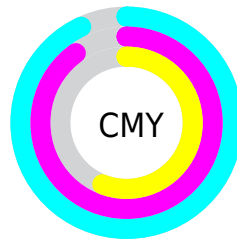
- Red (7%)
- Green (10%)
- Blue (44%)



- Red (7%)
- Yellow (9%)
- Blue (44%)



- Cyan (85%)
- Magenta (78%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (90%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111970 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 111970 by changing the saturation by 10% instead.

■ 111970

■ 111970

FFFEFF

■ 000457

■ 5145A5

■ 00003F

■ 6C5DC0

■ 000328

■ 8876DD

■ 000112

■ A490F9

■ 000000

■ COAAFF

■ DDC6FF

■ FBE2FF

■ 111970

■ 111970

■ 060F70

■ 1C2370

■ 000970

■ 272E70

■ 333870

■ 3E4270

■ 494C70

■ 545770

■ 5F6170

■ 6B6B70

■ 767570

Harmonies

Analogous

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



002D7D



111970



56004F

Triad

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



111970



4E1000



003628

Complementary

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



111970



706811

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.



003400



111970



2F2600

Square

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



111970



640000



002F00



003652

Rectangle

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



111970



660034



002F00



003519

Sweetspot

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



111970



6D7091



117066



34364A



C9C9C9



4A4A4A

Same Dimension

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



111970



000C91



371170



323338



000A78



0015F7

Inverse Universe

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



701119



91000C



4A7011



383233



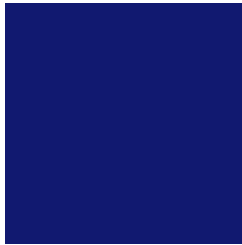
78000A



F70015

Previews

White Background



This preview shows how the Hex color 111970 looks on a white background.

Color Contrast Check

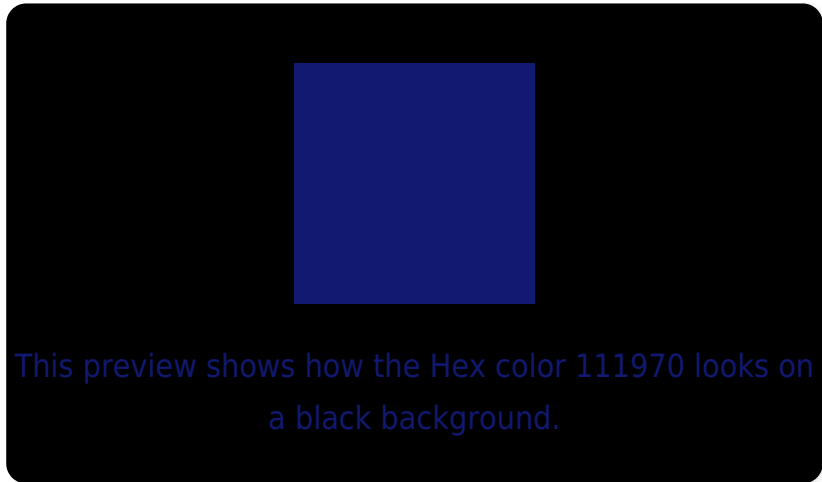
Large Text (above 18pt) WCAG AA ✓ Pass

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

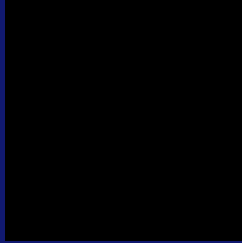
Any Text WCAG AA × Fail

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 111970 Background



This preview shows how black text looks on a background with the Hex color 111970.



This preview shows how white text looks on a background with the Hex color 111970.

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

111970

Protanopia

002650

Deuteranopia

002944

Trichromacy



Original Color
111970

Protanomaly
06215C

Deuteranomaly
062354

Tritanomaly
062546

Monochromacy



Original Color
111970

Achromatopsia
212121

Achromatomaly
1B1E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 111970 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 #111970 looks like.

```
.text, #text, p{  
    color:#111970  
}
```

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 #111970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111970
}
```

Border

The CSS property to change the border of an element to Hex 111970 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
#111970 }
```

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

```
.border{ border-color:#111970 }
```

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

Here you see how a box with a 4 pixel #111970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111970; -webkit-box-shadow:4px 4px  
4px 4px #111970; box-shadow:4px 4px 4px  
4px #111970 }
```

Background

The CSS property to change the background color of an element to Hex 111970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111970 }
```

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

```
.background{ background-color:#111970 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor