

Converting Colors

Hex(170024)

Have a look what the booklet for
Hex(170024) contains.

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Color

Hex(170024)

Conversions

Conversions Part 1

Format	Color
Hex	170024
RGB	23, 0, 36
RGB Percent	9%, 0%, 14%
CMY	0.9098, 1.0000, 0.8588
CMYK	0.36, 1.00, 0.00, 0.86
HSL	278°, 100%, 7%
HSV	278°, 100%, 14%
XYZ	0.6718, 0.3095, 1.6934
YIQ	10.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

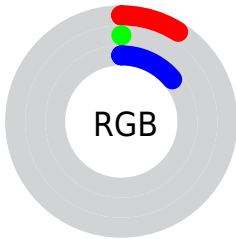
Format	Color
RYB	23, 0, 36
Decimal	1507364
CIE Lab	2.80, 15.47, -17.52
CIE LCh	3, 23.367, 311.446
Yxy	0.3095, 0.2512, 0.1157
Android (android.graphics.Color)	4279697444 (0xFF170024)
YUV	10.9810, 12.3344, 10.5407
Hunter-Lab	5.5636, 11.8172, -14.1518

Details

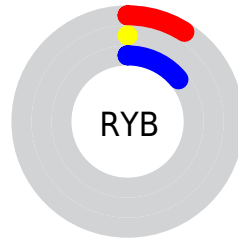
The Hex color **170024** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **0D2400**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **402F51**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170024**, and if you desaturate by 10%, it is **180424**.

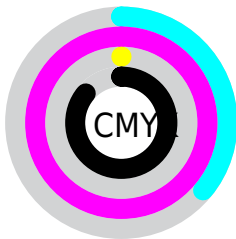
Distribution



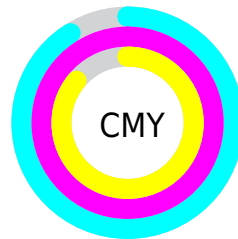
- Red (9%)
- Green (0%)
- Blue (14%)



- Red (9%)
- Yellow (0%)
- Blue (14%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170024 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 170024 by changing the saturation by 10% instead.

 170024

 170024


 F9E2FF

 00000C

 402F51

 000000

 584669

 715D82

 8B769C

 A590B7

 C0AAD3

 DCC6EF

 170024

■ 180424

■ 1A0724

■ 1B0B24

■ 1C0E24

■ 1E1224

■ 1F1624

■ 201924

■ 211D24

■ 232024

Harmonies

Analogous

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



00092B



170024



240018

Triad

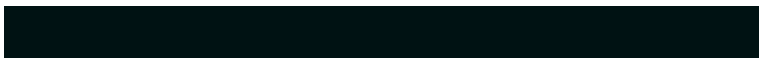
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170024



1B0400



001213

Complementary

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



170024



0D2400

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.



001100



170024



040D00

Square

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



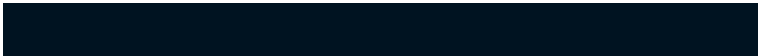
170024



250000



001100



001321

Rectangle

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



170024



29000A



001100



00120B

Sweetspot

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



170024



29202E



000D24



140F17



969696



171717

Same Dimension

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



170024



1D002E



24001F



111012



340052



8600D1

Inverse Universe

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



2400D



2E0011



002405



121011



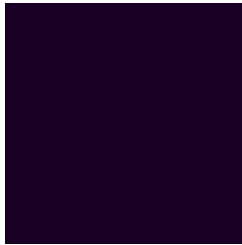
52001D



D1004C

Previews

White Background



This preview shows how the Hex color 170024 looks on a white background.

Color Contrast Check

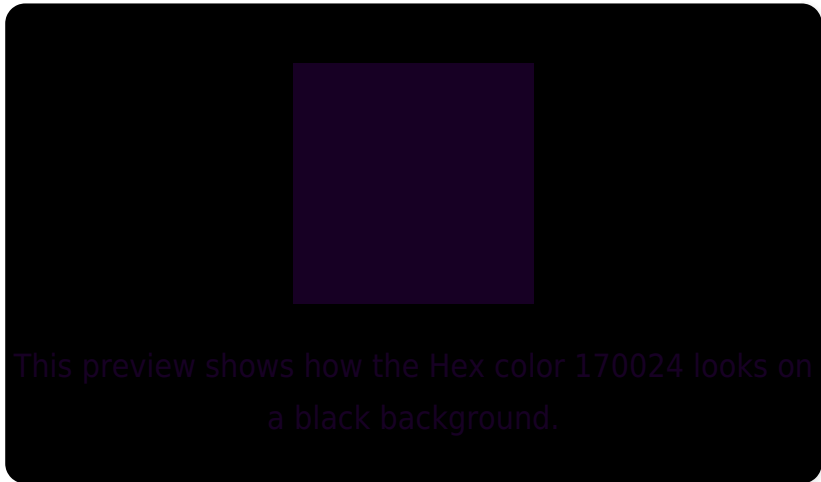
Large Text (above 18pt) WCAG AA ✓ Pass

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

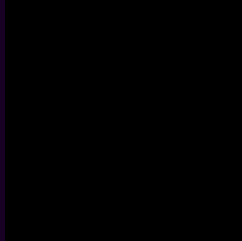
Any Text WCAG AA × Fail

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 170024 Background



This preview shows how black text looks on a background with the Hex color 170024.



This preview shows how white text looks on a background with the Hex color 170024.

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
170024

Protanopia
000F1F

Deuteranopia
00101B



Tritanopia
130E0F

Trichromacy



Original Color

170024

Protanomaly

080A21

Deuteranomaly

080A1E

Tritanomaly

140917

Monochromacy



Original Color

170024

Achromatopsia

0B0B0B

Achromatomaly

0F0714

CSS Examples

Text

The CSS property to change the color of the text to Hex 170024 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 #170024 looks like.

```
.text, #text, p{  
    color:#170024  
}
```

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 #170024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170024
}
```

Border

The CSS property to change the border of an element to Hex 170024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

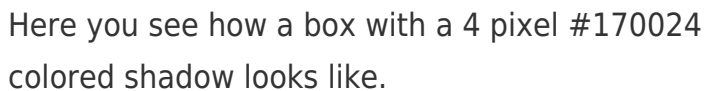
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#170024 }
```

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

```
.border{ border-color:#170024 }
```

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



Here you see how a box with a 4 pixel #170024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170024; -webkit-box-shadow:4px 4px  
4px 4px #170024; box-shadow:4px 4px 4px  
4px #170024 }
```

Background

The CSS property to change the background color of an element to Hex 170024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170024 }
```

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

```
.background{ background-color:#170024 }
```

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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