

Converting Colors

Hex(170073)

Have a look what the booklet for
Hex(170073) contains.

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Color

Hex(170073)

Conversions

Conversions Part 1

Format	Color
Hex	170073
RGB	23, 0, 115
RGB Percent	9%, 0%, 45%
CMY	0.9098, 1.0000, 0.5490
CMYK	0.80, 1.00, 0.00, 0.55
HSL	252°, 100%, 23%
HSV	252°, 100%, 45%
XYZ	3.4479, 1.4200, 16.3120
YIQ	19.9870, -23.2070, 40.6410

Conversions

Conversions Part 2

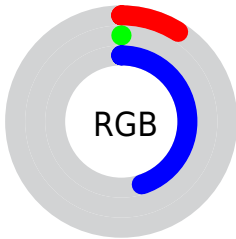
Format	Color
R_{YB}	23, 0, 115
Decimal	1507443
CIE _{Lab}	12.09, 44.44, -57.79
CIE _{LCh}	12, 72.901, 307.559
Yxy	1.4200, 0.1628, 0.0670
Android (android.graphics.Color)	4279697523 (0xFF170073)
YUV	19.9870, 46.8414, 2.6424
Hunter-Lab	11.9162, 30.7941, -72.8202

Details

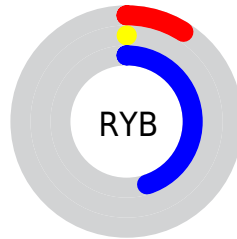
The Hex color **170073** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5C7300**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5732A8**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **170073**, and if you desaturate by 10%, it is **200B73**.

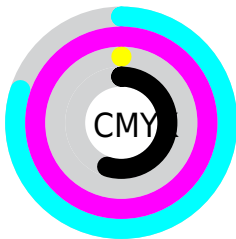
Distribution



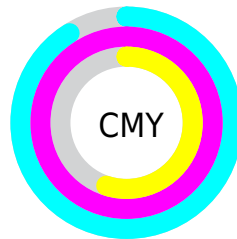
- Red (9%)
- Green (0%)
- Blue (45%)



- Red (9%)
- Yellow (0%)
- Blue (45%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170073 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 170073 by changing the saturation by 10% instead.

 170073

 170073

 FFEBFF

 00005A

 5732A8

 000041

 734AC4

 00032A

 8F63E0

 000114

 AC7DFD

 000000

 C997FF

 E6B3FF

 FFCFFF

 170073

■ 200B73

■ 291773

■ 332373

■ 3C2E73

■ 453A73

■ 4E4573

■ 575173

■ 615C73

■ 6A6873

Harmonies

Analogous

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



002789



170073



5E0047

Triad

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



170073



450800



002E2C

Complementary

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



170073



5C7300

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.



002D00



170073



1D2300

Square

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



170073



610000



002C00



00315E

Rectangle

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



170073



6C0027



002C00



002E1A

Sweetspot

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



170073



726996



005C73



36314D



CCCCCC



4D4D4D

Same Dimension

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



170073



1E0096



510073



36353B



18007A



3200FA

Inverse Universe

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



73005C



960078



237300



3B3539



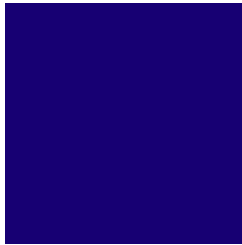
7A0062



FA00C8

Previews

White Background



This preview shows how the Hex color 170073 looks on a white background.

Color Contrast Check

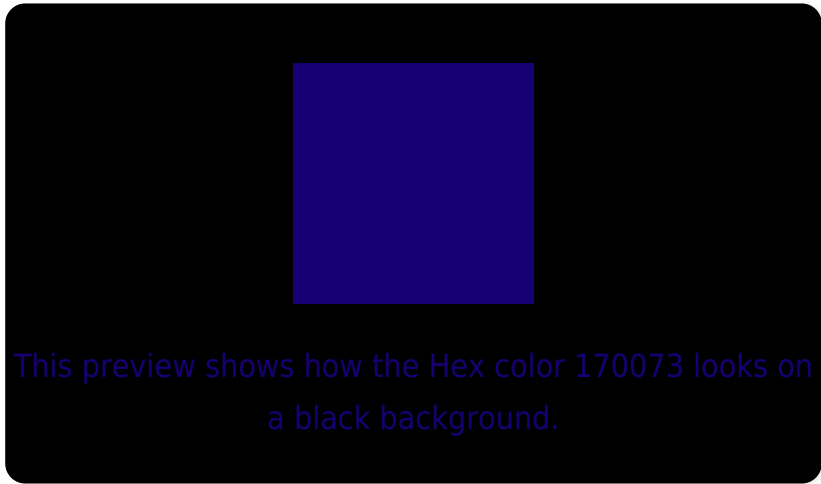
Large Text (above 18pt) WCAG AA ✓ Pass

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

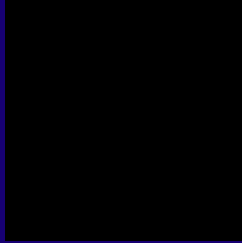
Any Text WCAG AA × Fail

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 170073 Background



This preview shows how black text looks on a background with the Hex color 170073.



This preview shows how white text looks on a background with the Hex color 170073.

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
170073

Protanopia
002349

Deuteranopia
00253E

Trichromacy



Original Color
170073

Protanomaly
081658

Deuteranomaly
081851

Tritanomaly
081945

Monochromacy



Original Color
170073

Achromatopsia
141414

Achromatomaly
150D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 170073 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 #170073 looks like.

```
.text, #text, p{  
    color:#170073  
}
```

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 #170073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170073
}
```

Border

The CSS property to change the border of an element to Hex 170073 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
#170073 }
```

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

```
.border{ border-color:#170073 }
```

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

Here you see how a box with a 4 pixel #170073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170073; -webkit-box-shadow:4px 4px  
4px 4px #170073; box-shadow:4px 4px 4px  
4px #170073 }
```

Background

The CSS property to change the background color of an element to Hex 170073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170073 }
```

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

```
.background{ background-color:#170073 }
```

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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