

Converting Colors

Hex(173370)

Have a look what the booklet for
Hex(173370) contains.

Hex(173370)	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(173370)

Conversions

Conversions Part 1

Format	Color
Hex	173370
RGB	23, 51, 112
RGB Percent	9%, 20%, 44%
CMY	0.9098, 0.8000, 0.5608
CMYK	0.79, 0.54, 0.00, 0.56
HSL	221°, 66%, 26%
HSV	221°, 79%, 44%
XYZ	4.4618, 3.7197, 15.8120
YIQ	49.5820, -36.2690, 13.0350

Conversions

Conversions Part 2

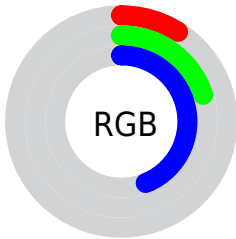
Format	Color
R_{YB}	23, 44, 112
Decimal	1520496
CIE _{Lab}	22.72, 13.46, -38.36
CIE _{LCh}	23, 40.656, 289.338
Yxy	3.7197, 0.1860, 0.1550
Android (android.graphics.Color)	4279710576 (0xFF173370)
YUV	49.5820, 30.7721, -23.3124
Hunter-Lab	19.2864, 7.5437, -35.1086

Details

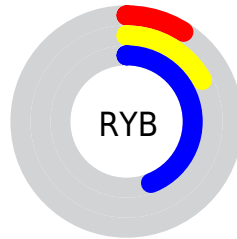
The Hex color **173370** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **705417**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5161A4**, and **00063F** is the 20% darker color. If you saturate the color by 10%, you get **0C2B70**, and if you desaturate by 10%, it is **223B70**.

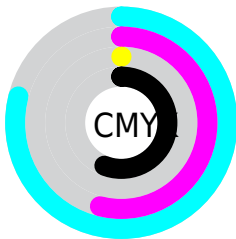
Distribution



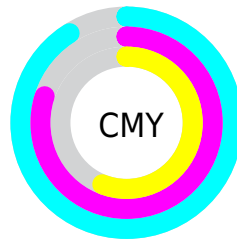
- Red (9%)
- Green (20%)
- Blue (44%)



- Red (9%)
- Yellow (17%)
- Blue (44%)



- Cyan (79%)
- Magenta (54%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173370 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 173370 by changing the saturation by 10% instead.

■ 173370

■ 173370

FFFFFF

■ 001E57

■ 5161A4

■ 00063F

■ 6C7AC0

■ 000329

■ 8793DC

■ 000113

■ A3AEF8

■ 000000

■ BFC9FF

■ DCE5FF

■ F9FFFF

■ 173370

■ 173370

■ 0C2B70

■ 223B70

■ 012470

■ 2D4270

■ 002370

■ 394A70

■ 445270

■ 4F5970

■ 5A6170

■ 656970

■ 717070

■ 7C7870

Harmonies

Analogous

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



003D72



173370



4F245E

Triad

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



173370



602305



00432A

Complementary

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



173370



705417

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.



024009



173370



4D3100

Square

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



173370



6B1424



323B00



00444A

Rectangle

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



173370



61184C



323B00



00421F

Sweetspot

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



173370



6E7991



177054



353B4A



C9C9C9



4A4A4A

Same Dimension

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



173370



073391



271770



323438



002678



004EF7

Inverse Universe

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



701733



910733



607017



383234



780026



F7004E

Previews

White Background



This preview shows how the Hex color 173370 looks on a white background.

Color Contrast Check

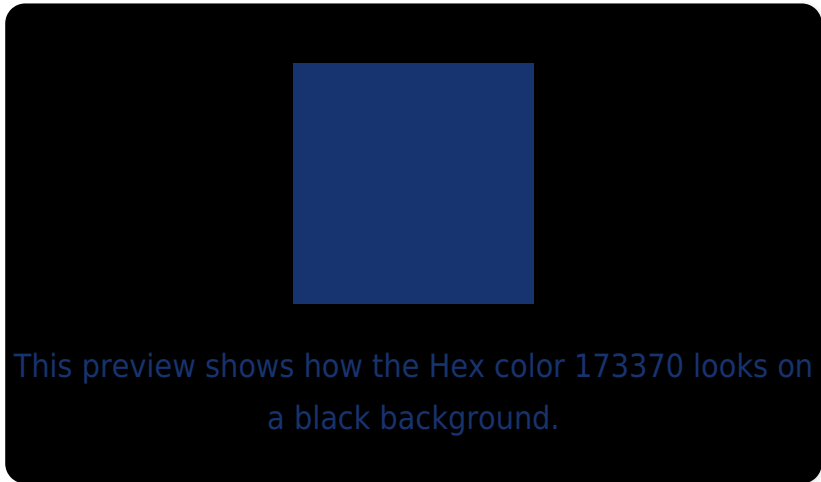
Large Text (above 18pt) WCAG AA ✓ Pass

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

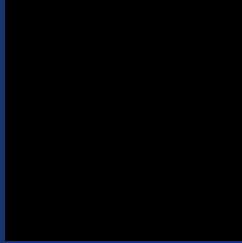
Any Text WCAG AA × Fail

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 173370 Background



This preview shows how black text looks on a background with the Hex color 173370.



This preview shows how white text looks on a background with the Hex color 173370.

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
173370

Protanopia
00346F

Deuteranopia
003860



Tritanopia
003C41

Trichromacy



Original Color
173370

Protanomaly
08346F

Deuteranomaly
083666

Tritanomaly
083952

Monochromacy



Original Color
173370

Achromatopsia
323232

Achromatomaly
283249

CSS Examples

Text

The CSS property to change the color of the text to Hex 173370 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 #173370 looks like.

```
.text, #text, p{  
    color:#173370  
}
```

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 #173370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173370
}
```

Border

The CSS property to change the border of an element to Hex 173370 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
#173370 }
```

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

```
.border{ border-color:#173370 }
```

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

Here you see how a box with a 4 pixel #173370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173370; -webkit-box-shadow:4px 4px  
4px 4px #173370; box-shadow:4px 4px 4px  
4px #173370 }
```

Background

The CSS property to change the background color of an element to Hex 173370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173370 }
```

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

```
.background{ background-color:#173370 }
```

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