

Converting Colors

Hex(173052)

Have a look what the booklet for
Hex(173052) contains.

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Color

Hex(173052)

Conversions

Conversions Part 1

Format	Color
Hex	173052
RGB	23, 48, 82
RGB Percent	9%, 19%, 32%
CMY	0.9098, 0.8118, 0.6784
CMYK	0.72, 0.41, 0.00, 0.68
HSL	215°, 56%, 21%
HSV	215°, 72%, 32%
XYZ	2.9333, 2.9053, 8.3888
YIQ	44.4010, -25.8140, 5.2740

Conversions

Conversions Part 2

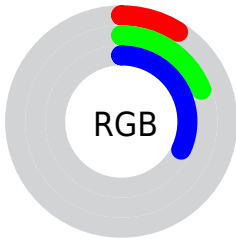
Format	Color
RYB	23, 41, 82
Decimal	1519698
CIELab	19.66, 3.13, -23.62
CIELCh	20, 23.825, 277.540
Yxy	2.9053, 0.2062, 0.2042
Android (android.graphics.Color)	4279709778 (0xFF173052)
YUV	44.4010, 18.5363, -18.7687
Hunter-Lab	17.0448, 0.8901, -17.2489

Details

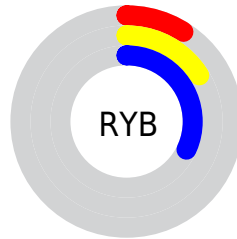
The Hex color **173052** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **523917**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4A5E84**, and **000125** is the 20% darker color. If you saturate the color by 10%, you get **0F2B52**, and if you desaturate by 10%, it is **1F3552**.

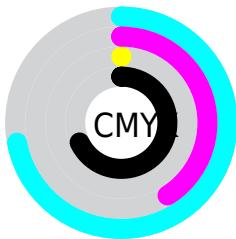
Distribution



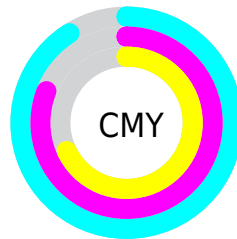
- Red (9%)
- Green (19%)
- Blue (32%)



- Red (9%)
- Yellow (16%)
- Blue (32%)



- Cyan (72%)
- Magenta (41%)
- Yellow (0%)
- Black (68%)



- Cyan (91%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173052 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 173052 by changing the saturation by 10% instead.

■ 173052

■ 173052

FFFFFF

■ 001B3B

■ 4A5E84

■ 000125

■ 63769E

■ 00010E

■ 7D90B9

■ 000000

■ 98AAD5

■ B3C6F1

■ CFE1FF

■ EBFEEF

■ 173052

■ 173052

■ 0F2B52

■ 1F3552

■ 072752

■ 273952

■ 002352

■ 303E52

■ 384352

■ 404852

■ 484C52

■ 505152

■ 595652

■ 615B52

Harmonies

Analogous

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



00354F



173052



36294B

Triad

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



173052



4D231B



063722

Complementary

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



173052



523917

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.



233513



173052



442A0F

Square

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



173052



50202C



35300A



003834

Rectangle

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



173052



432542



35300A



12371C

Sweetspot

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



173052



545E6B



175238



282E36



B5B5B5



363636

Same Dimension

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



173052



0F366B



1B1752



252629



002C69



0062E8

Inverse Universe

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



521730



6B0F36



4E5217



292526



69002C



E80062

Previews

White Background



This preview shows how the Hex color 173052 looks on a white background.

Color Contrast Check

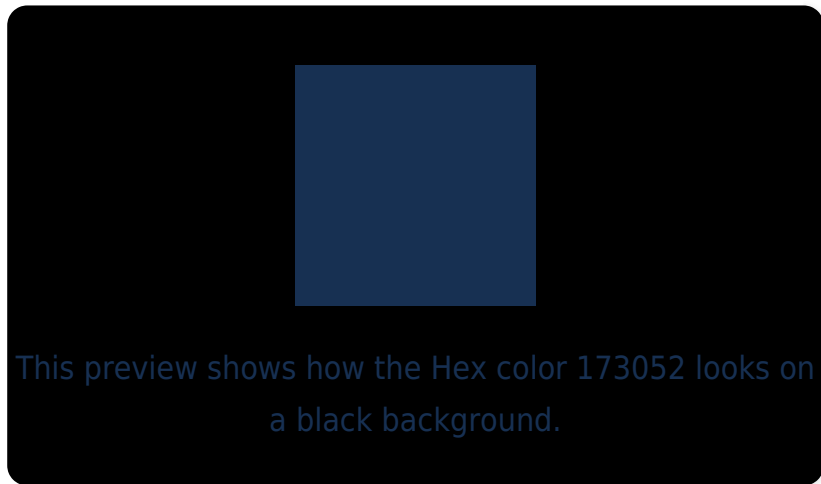
Large Text (above 18pt) WCAG AA ✓ Pass

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

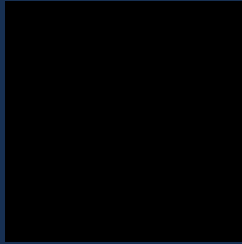
Any Text WCAG AA × Fail

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 173052 Background



This preview shows how black text looks on a background with the Hex color 173052.



This preview shows how white text looks on a background with the Hex color 173052.

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
173052

Protanopia
212F51

Deuteranopia
153052

Trichromacy



Original Color
173052

Protanomaly
1D2F51

Deuteranomaly
163052

Tritanomaly
083342

Monochromacy



Original Color
173052

Achromatopsia
2C2C2C

Achromatomaly
242D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 173052 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 #173052 looks like.

```
.text, #text, p{  
    color:#173052  
}
```

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 #173052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173052
}
```

Border

The CSS property to change the border of an element to Hex 173052 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
#173052 }
```

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

```
.border{ border-color:#173052 }
```

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

Here you see how a box with a 4 pixel #173052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173052; -webkit-box-shadow:4px 4px  
4px 4px #173052; box-shadow:4px 4px 4px  
4px #173052 }
```

Background

The CSS property to change the background color of an element to Hex 173052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173052 }
```

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

```
.background{ background-color:#173052 }
```

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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