

Converting Colors

Hex(15173E)

Have a look what the booklet for
Hex(15173E) contains.

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Color

Hex(15173E)

Conversions

Conversions Part 1

Format	Color
Hex	15173E
RGB	21, 23, 62
RGB Percent	8%, 9%, 24%
CMY	0.9176, 0.9098, 0.7569
CMYK	0.66, 0.63, 0.00, 0.76
HSL	237°, 49%, 16%
HSV	237°, 66%, 24%
XYZ	1.4852, 1.1200, 4.6953
YIQ	26.8480, -13.7110, 11.7050

Conversions

Conversions Part 2

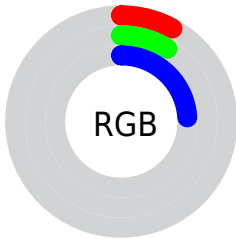
Format	Color
RYB	21, 23, 62
Decimal	1382206
CIELab	9.95, 13.13, -25.39
CIELCh	10, 28.582, 297.351
Yxy	1.1200, 0.2034, 0.1534
Android (android.graphics.Color)	4279572286 (0xFF15173E)
YUV	26.8480, 17.3299, -5.1287
Hunter-Lab	10.5831, 6.5290, -18.8966

Details

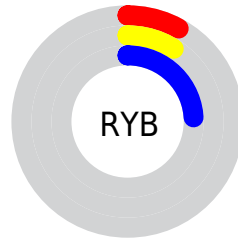
The Hex color **15173E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3E3C15**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **45426E**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **0F113E**, and if you desaturate by 10%, it is **1B1D3E**.

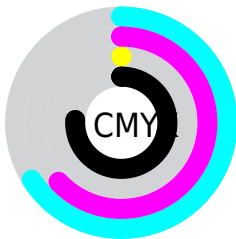
Distribution



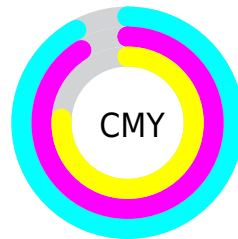
- Red (8%)
- Green (9%)
- Blue (24%)



- Red (8%)
- Yellow (9%)
- Blue (24%)



- Cyan (66%)
- Magenta (63%)
- Yellow (0%)
- Black (76%)



- Cyan (92%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15173E 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 15173E by changing the saturation by 10% instead.

■ 15173E

■ 15173E

■ FFF9FF

■ 010028

■ 45426E

■ 000112

■ 5D5988

■ 000000

■ 7771A2

■ 918BBD

■ ACA5D9

■ C7C0F5

■ E4DCFF

■ 15173E

■ 15173E

■ 0F113E

■ 1B1D3E

■ 090B3E

■ 21233E

■ 02053E

■ 28293E

■ 00033E

■ 2E2F3E

■ 34343E

■ 3A3A3E

■ 40403E

■ 47463E

■ 4D4C3E

Harmonies

Analogous

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



001E42



15173E



300C30

Triad

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



15173E



331100



002519

Complementary

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



15173E



3E3C15

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.



002300



15173E



251A00

Square

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



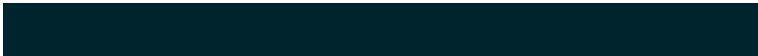
15173E



3C0706



131F00



00242D

Rectangle

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



15173E



390524



131F00



002412

Sweetspot

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



15173E



414252



153E3C



1F1F29



A8A8A8



292929

Same Dimension

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



15173E



111452



27153E



1C1C1F



00055E



000BDE

Inverse Universe

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



3E1517



521114



2C3E15



1F1C1C



5E0005



DE000B

Previews

White Background



This preview shows how the Hex color 15173E looks on a white background.

Color Contrast Check

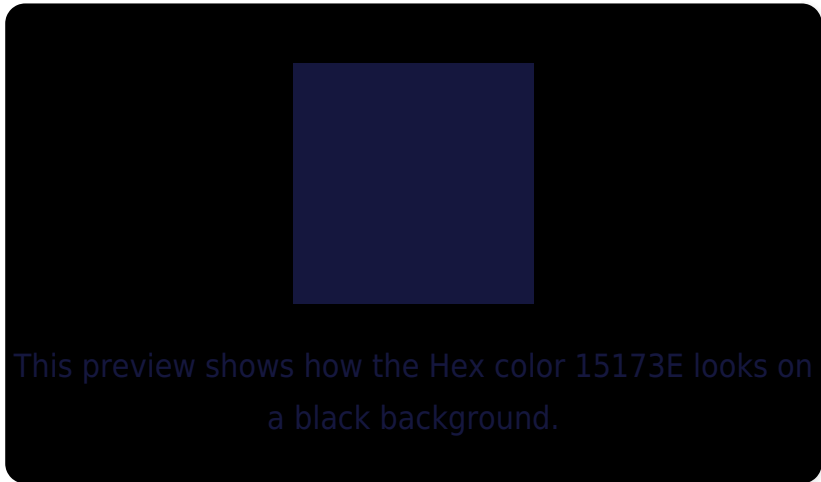
Large Text (above 18pt) WCAG AA ✓ Pass

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

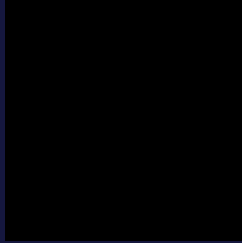
Any Text WCAG AA × Fail

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 15173E Background



This preview shows how black text looks on a background with the Hex color 15173E.



This preview shows how white text looks on a background with the Hex color 15173E.

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
15173E

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
001F21

Trichromacy



Original Color
15173E

Protanomaly
081A3B

Deuteranomaly
081B36

Tritanomaly
081C2C

Monochromacy



Original Color
15173E

Achromatopsia
1B1B1B

Achromatomaly
191A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 15173E 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 #15173E looks like.

```
.text, #text, p{  
    color:#15173E  
}
```

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 #15173E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15173E
}
```

Border

The CSS property to change the border of an element to Hex 15173E is called "border". The border property can be set on classes, ids or directly on the HTML element.

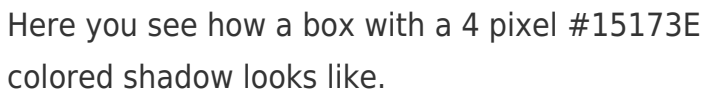
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#15173E }
```

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

```
.border{ border-color:#15173E }
```

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



Here you see how a box with a 4 pixel #15173E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15173E; -webkit-box-shadow:4px 4px  
4px 4px #15173E; box-shadow:4px 4px 4px  
4px #15173E }
```

Background

The CSS property to change the background color of an element to Hex 15173E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15173E }
```

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

```
.background{ background-color:#15173E }
```

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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