

Converting Colors

Hex(10012E)

Have a look what the booklet for
Hex(10012E) contains.

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Color

Hex(10012E)

Conversions

Conversions Part 1

Format	Color
Hex	10012E
RGB	16, 1, 46
RGB Percent	6%, 0%, 18%
CMY	0.9373, 0.9961, 0.8196
CMYK	0.65, 0.98, 0.00, 0.82
HSL	260°, 96%, 9%
HSV	260°, 98%, 18%
XYZ	0.7177, 0.3291, 2.6105
YIQ	10.6150, -5.5050, 17.1750

Conversions

Conversions Part 2

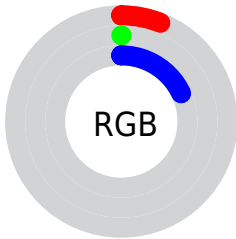
Format	Color
R_{YB}	16, 1, 46
Decimal	1048878
CIE Lab	2.97, 16.58, -24.96
CIE LCh	3, 29.966, 303.604
Yxy	0.3291, 0.1962, 0.0900
Android (android.graphics.Color)	4279238958 (0xFF10012E)
YUV	10.6150, 17.4448, 4.7226
Hunter-Lab	5.7369, 12.2905, -22.9628

Details

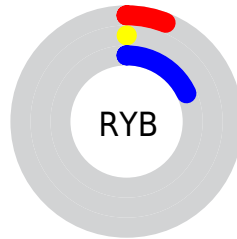
The Hex color **10012E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1F2E01**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **3B305C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F002E**, and if you desaturate by 10%, it is **13062E**.

Distribution



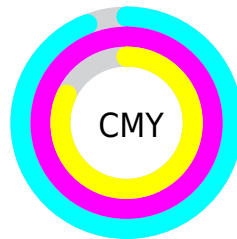
- Red (6%)
- Green (0%)
- Blue (18%)



- Red (6%)
- Yellow (0%)
- Blue (18%)



- Cyan (65%)
- Magenta (98%)
- Yellow (0%)
- Black (82%)



- Cyan (94%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10012E 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 10012E by changing the saturation by 10% instead.

■ 10012E

■ 10012E

■ F4E2FF

■ 000119

■ 3B305C

■ 000000

■ 534675

■ 6C5E8F

■ 8677A9

■ A090C5

■ BBABE1

■ D7C6FE

■ 10012E

■ 10012E

■ 0F002E

■ 13062E

■ 160A2E

■ 190F2E

■ 1C132E

■ 1F182E

■ 221D2E

■ 25212E

■ 29262E

■ 2C2A2E

Harmonies

Analogous

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



000D34



10012E



27001F

Triad

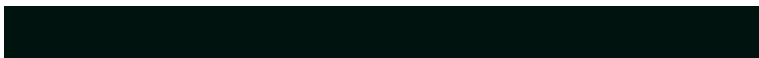
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10012E



220000



00130E

Complementary

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



10012E



1F2E01

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.



001200



10012E



0C0C00

Square

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



10012E



2C0000



001200



001423

Rectangle

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



10012E



2D0012



001200



001202

Sweetspot

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



10012E



2F2A3B



011F2E



17141F



9E9E9E



1F1F1F

Same Dimension

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



10012E



14003B



27012E



151517



1D0057



4700D6

Inverse Universe

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



2E011F



3B0027



082E01



171516



57003A



D6008F

Previews

White Background



This preview shows how the Hex color 10012E looks on a white background.

Color Contrast Check

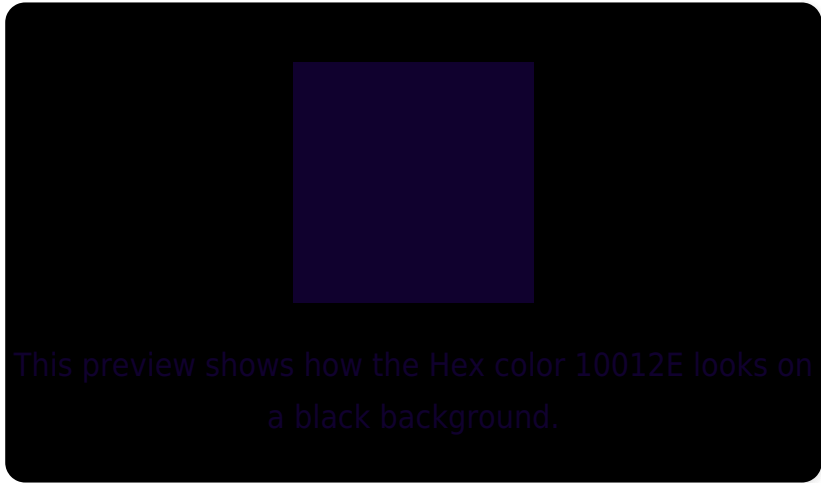
Large Text (above 18pt) WCAG AA ✓ Pass

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

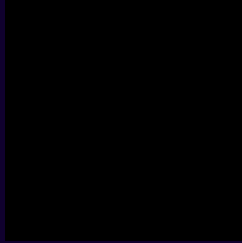
Any Text WCAG AA × Fail

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 10012E Background



This preview shows how black text looks on a background with the Hex color 10012E.



This preview shows how white text looks on a background with the Hex color 10012E.

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
10012E

Protanopia
000F20

Deuteranopia
00101B



Tritanopia
001113

Trichromacy



Original Color
10012E

Protanomaly
060A25

Deuteranomaly
060B22

Tritanomaly
060B1D

Monochromacy



Original Color
10012E

Achromatopsia
0B0B0B

Achromatomaly
0D0718

CSS Examples

Text

The CSS property to change the color of the text to Hex 10012E 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 #10012E looks like.

```
.text, #text, p{  
    color:#10012E  
}
```

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 #10012E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10012E
}
```

Border

The CSS property to change the border of an element to Hex 10012E is called "border". The border property can be set on classes, ids or directly on the HTML element.

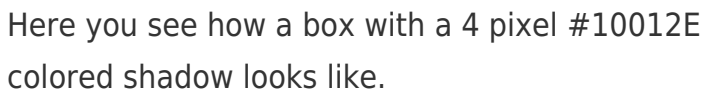
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10012E }
```

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

```
.border{ border-color:#10012E }
```

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



Here you see how a box with a 4 pixel #10012E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10012E; -webkit-box-shadow:4px 4px  
4px 4px #10012E; box-shadow:4px 4px 4px  
4px #10012E }
```

Background

The CSS property to change the background color of an element to Hex 10012E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10012E }
```

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

```
.background{ background-color:#10012E }
```

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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