

Converting Colors

Hex(16082E)

Have a look what the booklet for
Hex(16082E) contains.

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Color

Hex(16082E)

Conversions

Conversions Part 1

Format	Color
Hex	16082E
RGB	22, 8, 46
RGB Percent	9%, 3%, 18%
CMY	0.9137, 0.9686, 0.8196
CMYK	0.52, 0.83, 0.00, 0.82
HSL	262°, 70%, 11%
HSV	262°, 83%, 18%
XYZ	0.9109, 0.5415, 2.6413
YIQ	16.5180, -3.8540, 14.7860

Conversions

Conversions Part 2

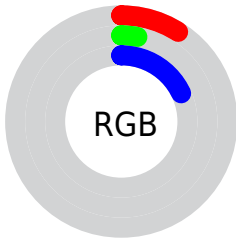
Format	Color
R _Y B	22, 8, 46
Decimal	1443886
CIE Lab	4.89, 16.16, -21.88
CIE LCh	5, 27.195, 306.445
Yxy	0.5415, 0.2225, 0.1323
Android (android.graphics.Color)	4279633966 (0xFF16082E)
YUV	16.5180, 14.5346, 4.8077
Hunter-Lab	7.3586, 9.2171, -16.1303

Details

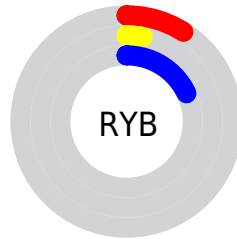
The Hex color **16082E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **202E08**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **42345C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13032E**, and if you desaturate by 10%, it is **190D2E**.

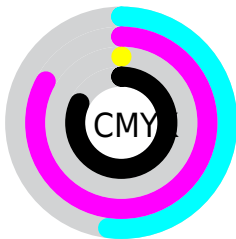
Distribution



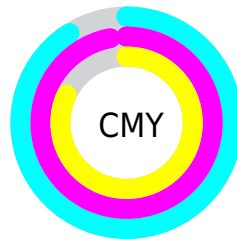
- Red (9%)
- Green (3%)
- Blue (18%)



- Red (9%)
- Yellow (3%)
- Blue (18%)



- Cyan (52%)
- Magenta (83%)
- Yellow (0%)
- Black (82%)



- Cyan (91%)
- Magenta (97%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16082E 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 16082E by changing the saturation by 10% instead.

■ 16082E

■ 16082E

■ FCE8FF

■ 000119

■ 42345C

■ 000000

■ 5A4B75

■ 73638F

■ 8D7BA9

■ A895C5

■ C3B0E1

■ DFCCFD

■ 16082E

■ 16082E

■ 13032E

■ 190D2E

■ 11002E

■ 1C112E

■ 1F162E

■ 221A2E

■ 251F2E

■ 27242E

■ 2A282E

■ 2D2D2E

■ 30312E

Harmonies

Analogous

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



001235



16082E



290020

Triad

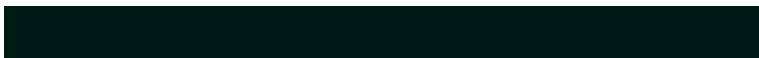
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16082E



230900



001A15

Complementary

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



16082E



202E08

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.



001A00



16082E



121200

Square

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



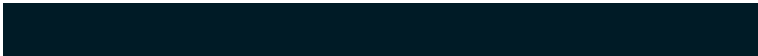
16082E



2D0000



001800



001B26

Rectangle

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



16082E



2E0014



001800



001A0D

Sweetspot

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



16082E



312C3B



08202E



19151F



9E9E9E



1F1F1F

Same Dimension

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



16082E



16013B



29082E



161517



200057



4F00D6

Inverse Universe

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



2E0820



3B0125



0D2E08



171516



570037



D60087

Previews

White Background



This preview shows how the Hex color 16082E looks on a white background.

Color Contrast Check

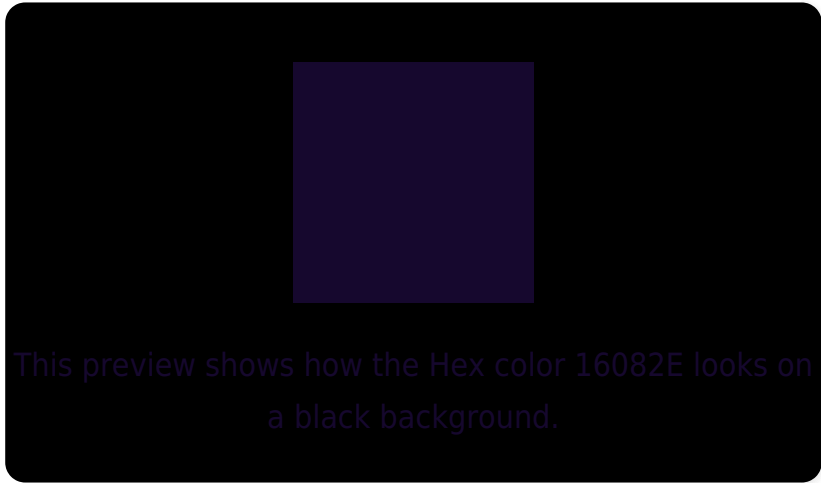
Large Text (above 18pt) WCAG AA ✓ Pass

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

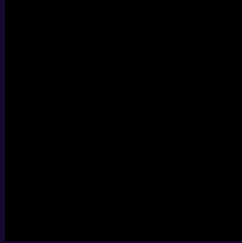
Any Text WCAG AA × Fail

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 16082E Background



This preview shows how black text looks on a background with the Hex color 16082E.



This preview shows how white text looks on a background with the Hex color 16082E.

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](#).

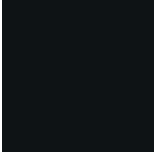
Dichromacy



Original Color
16082E

Protanopia
001225

Deuteranopia
001320



Tritanopia
0E1315

Trichromacy



Original Color
16082E

Protanomaly
080E28

Deuteranomaly
080F25

Tritanomaly
110F1E

Monochromacy



Original Color
16082E

Achromatopsia
111111

Achromatomaly
130E1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 16082E 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 #16082E looks like.

```
.text, #text, p{  
    color:#16082E  
}
```

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 #16082E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16082E
}
```

Border

The CSS property to change the border of an element to Hex 16082E is called "border". The border property can be set on classes, ids or directly on the HTML element.

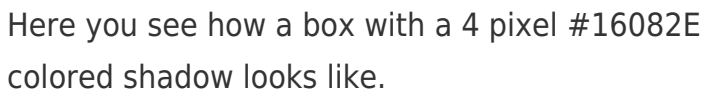
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16082E }
```

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

```
.border{ border-color:#16082E }
```

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



Here you see how a box with a 4 pixel #16082E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16082E; -webkit-box-shadow:4px 4px  
4px 4px #16082E; box-shadow:4px 4px 4px  
4px #16082E }
```

Background

The CSS property to change the background color of an element to Hex 16082E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16082E }
```

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

```
.background{ background-color:#16082E }
```

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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