

Converting Colors

Hex(14103E)

Have a look what the booklet for
Hex(14103E) contains.

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Color

Hex(14103E)

Conversions

Conversions Part 1

Format	Color
Hex	14103E
RGB	20, 16, 62
RGB Percent	8%, 6%, 24%
CMY	0.9216, 0.9373, 0.7569
CMYK	0.68, 0.74, 0.00, 0.76
HSL	245°, 59%, 15%
HSV	245°, 74%, 24%
XYZ	1.3433, 0.8671, 4.6540
YIQ	22.4400, -12.3820, 15.1540

Conversions

Conversions Part 2

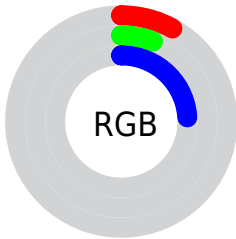
Format	Color
RYB	20, 16, 62
Decimal	1314878
CIELab	7.83, 18.16, -28.84
CIELCh	8, 34.080, 302.201
Yxy	0.8671, 0.1957, 0.1263
Android (android.graphics.Color)	4279504958 (0xFF14103E)
YUV	22.4400, 19.5031, -2.1399
Hunter-Lab	9.3118, 9.4538, -23.1144

Details

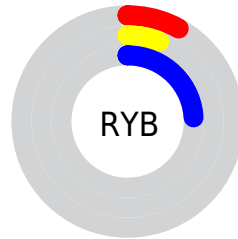
The Hex color **14103E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A3E10**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **453A6E**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **0E0A3E**, and if you desaturate by 10%, it is **1A163E**.

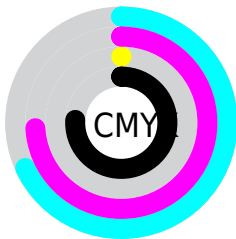
Distribution



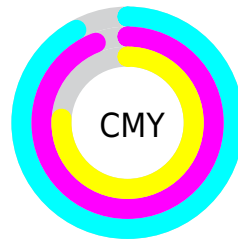
- Red (8%)
- Green (6%)
- Blue (24%)



- Red (8%)
- Yellow (6%)
- Blue (24%)



- Cyan (68%)
- Magenta (74%)
- Yellow (0%)
- Black (76%)



- Cyan (92%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14103E 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 14103E by changing the saturation by 10% instead.

■ 14103E

■ 14103E

■ FFEFFF

■ 000028

■ 453A6E

■ 000111

■ 5D5188

■ 000000

■ 7769A2

■ 9182BD

■ AC9CD9

■ C8B7F6

■ E4D3FF

■ 14103E

■ 14103E

■ 0E0A3E

■ 1A163E

■ 09043E

■ 1F1C3E

■ 05003E

■ 25233E

■ 2B293E

■ 302F3E

■ 36353E

■ 3C3B3E

■ 41423E

■ 47483E

Harmonies

Analogous

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



001A45



14103E



32002D

Triad

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



14103E



2E0D00



002318

Complementary

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



14103E



3A3E10

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.



002100



14103E



1D1700

Square

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



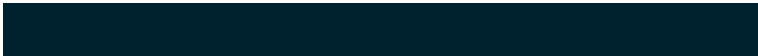
14103E



3A0000



001D00



00222F

Rectangle

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



14103E



3A001E



001D00



00230F

Sweetspot

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



14103E



414052



103A3E



1F1E29



A8A8A8



292929

Same Dimension

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



14103E



0F0952



2B103E



1C1C1F



08005E



1300DE

Inverse Universe

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



3E103A



52094B



233E10



1F1C1E



5E0056



DE00CB

Previews

White Background



This preview shows how the Hex color 14103E looks on a white background.

Color Contrast Check

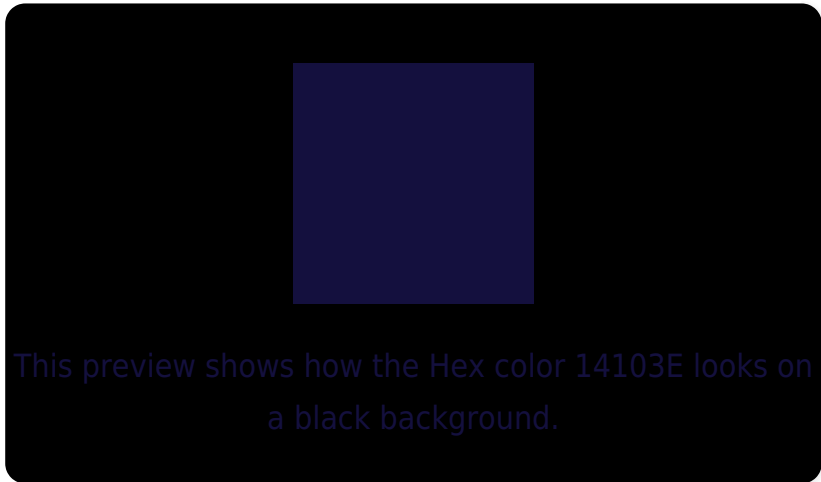
Large Text (above 18pt) WCAG AA ✓ Pass

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

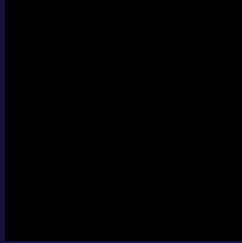
Any Text WCAG AA × Fail

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 14103E Background



This preview shows how black text looks on a background with the Hex color 14103E.



This preview shows how white text looks on a background with the Hex color 14103E.

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

14103E

Protanopia

001731

Deuteranopia

00192A



Tritanopia
001B1D

Trichromacy



Original Color
14103E

Protanomaly
071436

Deuteranomaly
071631

Tritanomaly
071729

Monochromacy



Original Color
14103E

Achromatopsia
161616

Achromatomaly
151425

CSS Examples

Text

The CSS property to change the color of the text to Hex 14103E 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 #14103E looks like.

```
.text, #text, p{  
    color:#14103E  
}
```

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 #14103E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14103E
}
```

Border

The CSS property to change the border of an element to Hex 14103E is called "border". The border property can be set on classes, ids or directly on the HTML element.

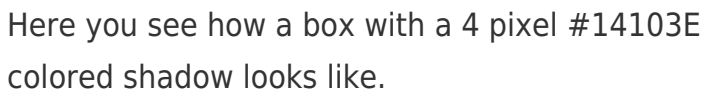
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#14103E }
```

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

```
.border{ border-color:#14103E }
```

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



Here you see how a box with a 4 pixel #14103E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14103E; -webkit-box-shadow:4px 4px  
4px 4px #14103E; box-shadow:4px 4px 4px  
4px #14103E }
```

Background

The CSS property to change the background color of an element to Hex 14103E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14103E }
```

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

```
.background{ background-color:#14103E }
```

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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