

Converting Colors

Hex(0C214E)

Have a look what the booklet for
Hex(0C214E) contains.

Hex(0C214E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(0C214E)

Conversions

Conversions Part 1

Format	Color
Hex	0C214E
RGB	12, 33, 78
RGB Percent	5%, 13%, 31%
CMY	0.9529, 0.8706, 0.6941
CMYK	0.85, 0.58, 0.00, 0.69
HSL	221°, 73%, 18%
HSV	221°, 85%, 31%
XYZ	2.0706, 1.7159, 7.4298
YIQ	31.8510, -26.9610, 9.5430

Conversions

Conversions Part 2

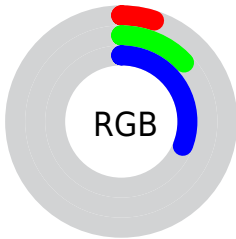
Format	Color
R_{YB}	12, 28, 78
Decimal	794958
CIE _{Lab}	13.92, 10.68, -30.14
CIE _{LCh}	14, 31.978, 289.511
Yxy	1.7159, 0.1846, 0.1530
Android (android.graphics.Color)	4278985038 (0xFF0C214E)
YUV	31.8510, 22.7515, -17.4093
Hunter-Lab	13.0994, 5.2917, -24.4590

Details

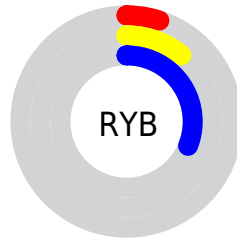
The Hex color **0C214E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E390C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **424D80**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **041C4E**, and if you desaturate by 10%, it is **14264E**.

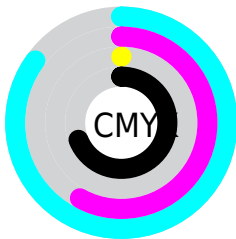
Distribution



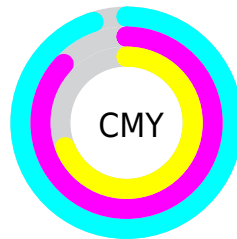
- Red (5%)
- Green (13%)
- Blue (31%)



- Red (5%)
- Yellow (11%)
- Blue (31%)



- Cyan (85%)
- Magenta (58%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C214E 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 0C214E by changing the saturation by 10% instead.

■ 0C214E

■ 0C214E

FFFFFF

■ 000A37

■ 424D80

■ 000221

■ 5C649A

■ 000006

■ 767DB5

■ 000000

■ 9097D0

■ ABB2ED

■ C7CDFF

■ E4E9FF

■ 0C214E

■ 0C214E

■ 041C4E

■ 14264E

■ 00194E

■ 1C2C4E

■ 23314E

■ 2B364E

■ 333C4E

■ 3B414E

■ 43464E

■ 4A4C4E

■ 52514E

Harmonies

Analogous

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



002850



0C214E



361641

Triad

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



0C214E



431500



002D1B

Complementary

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



0C214E



4E390C

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.



022B00



0C214E



342000

Square

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



0C214E



4A0A16



202700



002D32

Rectangle

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



0C214E



430D34



202700



002C13

Sweetspot

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



0C214E



4D5566



0C4E38



242933



B3B3B3



333333

Same Dimension

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



0C214E



002066



170C4E



222426



0049E6

Inverse Universe

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



4E0C21



660020



434E0C



262224



E60049

Previews

White Background



This preview shows how the Hex color 0C214E looks on a white background.

Color Contrast Check

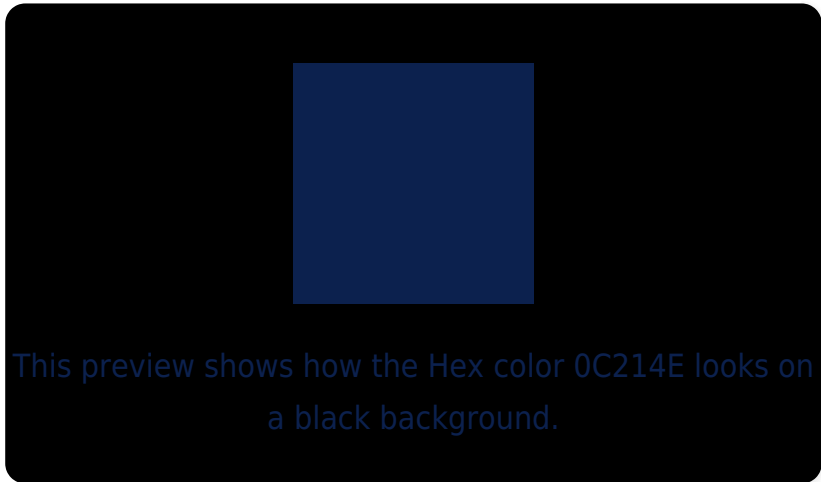
Large Text (above 18pt) WCAG AA ✓ Pass

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

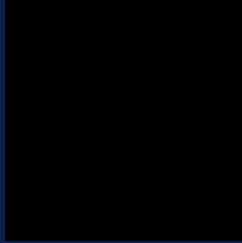
Any Text WCAG AA × Fail

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 0C214E Background



This preview shows how black text looks on a background with the Hex color 0C214E.



This preview shows how white text looks on a background with the Hex color 0C214E.

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
0C214E

Protanopia
00234A

Deuteranopia
00253F



Tritanopia
00282B

Trichromacy



Original Color
0C214E

Protanomaly
04224B

Deuteranomaly
042444

Tritanomaly
042538

Monochromacy



Original Color
0C214E

Achromatopsia
202020

Achromatomaly
192031

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C214E 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 #0C214E looks like.

```
.text, #text, p{  
    color:#0C214E  
}
```

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 #0C214E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C214E
}
```

Border

The CSS property to change the border of an element to Hex 0C214E is called "border". The border property can be set on classes, ids or directly on the HTML element.

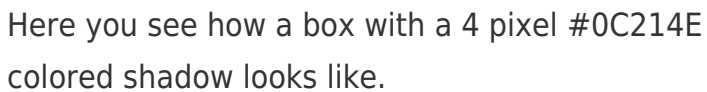
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C214E }
```

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

```
.border{ border-color:#0C214E }
```

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



Here you see how a box with a 4 pixel #0C214E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C214E; -webkit-box-shadow:4px 4px  
4px 4px #0C214E; box-shadow:4px 4px 4px  
4px #0C214E }
```

Background

The CSS property to change the background color of an element to Hex 0C214E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C214E }
```

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

```
.background{ background-color:#0C214E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor