

Converting Colors

Hex(0C214C)

Have a look what the booklet for
Hex(0C214C) contains.

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Color

Hex(0C214C)

Conversions

Conversions Part 1

Format	Color
Hex	0C214C
RGB	12, 33, 76
RGB Percent	5%, 13%, 30%
CMY	0.9529, 0.8706, 0.7020
CMYK	0.84, 0.57, 0.00, 0.70
HSL	220°, 73%, 17%
HSV	220°, 84%, 30%
XYZ	2.0000, 1.6877, 7.0578
YIQ	31.6230, -26.3190, 8.9210

Conversions

Conversions Part 2

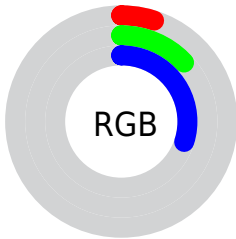
Format	Color
R_{YB}	12, 28, 76
Decimal	794956
CIE _{Lab}	13.75, 9.79, -29.04
CIE _{LCh}	14, 30.644, 288.623
Yxy	1.6877, 0.1861, 0.1571
Android (android.graphics.Color)	4278985036 (0xFF0C214C)
YUV	31.6230, 21.8779, -17.2094
Hunter-Lab	12.9911, 4.7458, -23.1175

Details

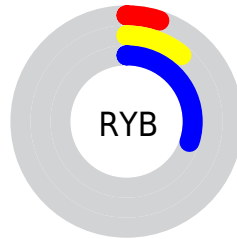
The Hex color **0C214C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C370C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **424D7D**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **041C4C**, and if you desaturate by 10%, it is **14264C**.

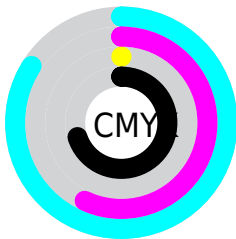
Distribution



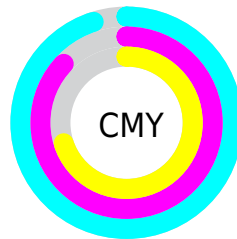
- Red (5%)
- Green (13%)
- Blue (30%)



- Red (5%)
- Yellow (11%)
- Blue (30%)



- Cyan (84%)
- Magenta (57%)
- Yellow (0%)
- Black (70%)



- Cyan (95%)
- Magenta (87%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C214C 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 0C214C by changing the saturation by 10% instead.

■ 0C214C

■ 0C214C

FFFFFF

■ 000A35

■ 424D7D

■ 00021F

■ 5B6497

■ 000003

■ 757DB2

■ 000000

■ 8F97CE

■ AAB2EA

■ C6CDFF

■ E3E9FF

■ 0C214C

■ 0C214C

■ 041C4C

■ 14264C

■ 00194C

■ 1B2B4C

■ 23304C

■ 2A354C

■ 323B4C

■ 3A404C

■ 41454C

■ 494A4C

■ 504F4C

Harmonies

Analogous

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



00284D



0C214C



341640

Triad

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



0C214C



421500



002C1A

Complementary

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



0C214C



4C370C

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.



052A00



0C214C



341F00

Square

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



0C214C



480B17



212600



002D30

Rectangle

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



0C214C



410F33



212600



002C12

Sweetspot

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



0C214C



4B5363



0C4C37



242933



B3B3B3



333333

Same Dimension

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



0C214C



002163



170C4C



222426



002166



004BE6

Inverse Universe

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



4C0C21



630021



414C0C



262224



660021



E6004B

Previews

White Background



This preview shows how the Hex color 0C214C looks on a white background.

Color Contrast Check

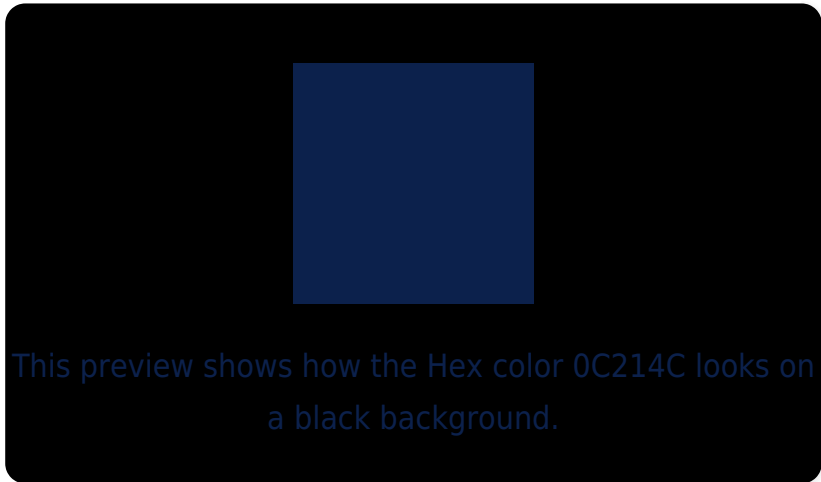
Large Text (above 18pt) WCAG AA ✓ Pass

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

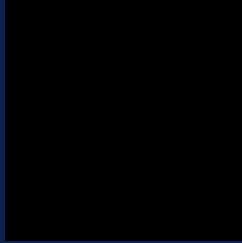
Any Text WCAG AA × Fail

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 0C214C Background



This preview shows how black text looks on a background with the Hex color 0C214C.



This preview shows how white text looks on a background with the Hex color 0C214C.

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
0C214C

Protanopia
002249

Deuteranopia
00253F



Tritanopia
00282A

Trichromacy



Original Color
0C214C

Protanomaly
04224A

Deuteranomaly
042444

Tritanomaly
042536

Monochromacy



Original Color
0C214C

Achromatopsia
202020

Achromatomaly
192030

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C214C 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 #0C214C looks like.

```
.text, #text, p{  
    color:#0C214C  
}
```

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 #0C214C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C214C
}
```

Border

The CSS property to change the border of an element to Hex 0C214C 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
#0C214C }
```

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

```
.border{ border-color:#0C214C }
```

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

Here you see how a box with a 4 pixel #0C214C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C214C; -webkit-box-shadow:4px 4px  
4px 4px #0C214C; box-shadow:4px 4px 4px  
4px #0C214C }
```

Background

The CSS property to change the background color of an element to Hex 0C214C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C214C }
```

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

```
.background{ background-color:#0C214C }
```

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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