

Converting Colors

Hex(0C1E5A)

Have a look what the booklet for
Hex(0C1E5A) contains.

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Color

Hex(0C1E5A)

Conversions

Conversions Part 1

Format	Color
Hex	0C1E5A
RGB	12, 30, 90
RGB Percent	5%, 12%, 35%
CMY	0.9529, 0.8824, 0.6471
CMYK	0.87, 0.67, 0.00, 0.65
HSL	226°, 76%, 20%
HSV	226°, 87%, 35%
XYZ	2.4614, 1.7449, 9.8799
YIQ	31.4580, -29.9880, 14.8440

Conversions

Conversions Part 2

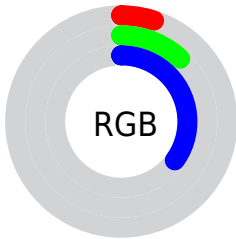
Format	Color
R_{YB}	12, 27, 90
Decimal	794202
CIE Lab	14.09, 18.24, -38.00
CIE LCh	14, 42.150, 295.644
Yxy	1.7449, 0.1747, 0.1239
Android (android.graphics.Color)	4278984282 (0xFF0C1E5A)
YUV	31.4580, 28.8612, -17.0647
Hunter-Lab	13.2094, 10.1439, -35.0990

Details

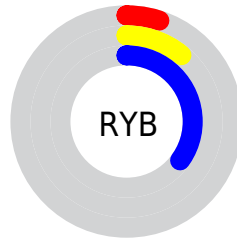
The Hex color **0C1E5A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A480C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **46498D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **03175A**, and if you desaturate by 10%, it is **15255A**.

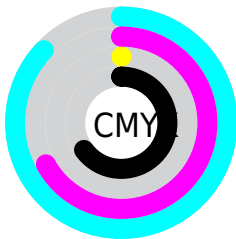
Distribution



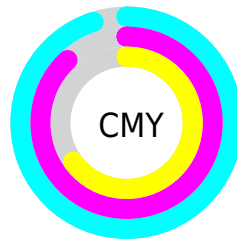
- Red (5%)
- Green (12%)
- Blue (35%)



- Red (5%)
- Yellow (11%)
- Blue (35%)



- Cyan (87%)
- Magenta (67%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1E5A 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 0C1E5A by changing the saturation by 10% instead.

0C1E5A

0C1E5A

FFFFFF

000742

46498D

00032B

6161A8

000116

7B7AC3

000000

9694DF

B2AEFC

CECAFF

EBE6FF

0C1E5A

0C1E5A

■ 03175A

■ 15255A

■ 00155A

■ 1E2C5A

■ 27335A

■ 303A5A

■ 39415A

■ 42485A

■ 4B4E5A

■ 54555A

■ 5D5C5A

Harmonies

Analogous

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



002960



0C1E5A



410846

Triad

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



0C1E5A



471200



002F1E

Complementary

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



0C1E5A



5A480C

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.



002D00



0C1E5A



312100

Square

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



0C1E5A



53000A



152900



00303D

Rectangle

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



0C1E5A



4F0033



152900



002F14

Sweetspot

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



0C1E5A



575E75



0C5A48



282D3B



BABABA



3B3B3B

Same Dimension

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



0C1E5A



001B75



210C5A



292A2E



00196E



0037ED

Inverse Universe

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



5A0C1E



75001B



455A0C



2E292A



6E0019



ED0037

Previews

White Background



This preview shows how the Hex color 0C1E5A looks on a white background.

Color Contrast Check

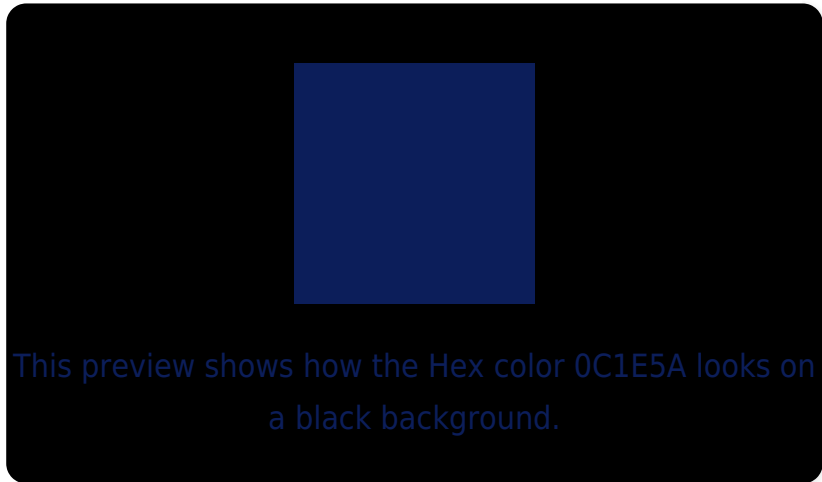
Large Text (above 18pt) WCAG AA ✓ Pass

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

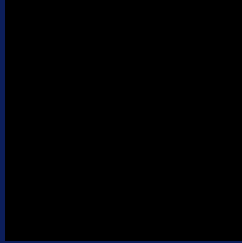
Any Text WCAG AA × Fail

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 0C1E5A Background



This preview shows how black text looks on a background with the Hex color 0C1E5A.



This preview shows how white text looks on a background with the Hex color 0C1E5A.

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

0C1E5A

Protanopia

00234A

Deuteranopia

002640



Tritanopia
00292B

Trichromacy



Original Color
0C1E5A

Protanomaly
042150

Deuteranomaly
042349

Tritanomaly
04253C

Monochromacy



Original Color
0C1E5A

Achromatopsia
1F1F1F

Achromatomaly
181F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1E5A 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 #0C1E5A looks like.

```
.text, #text, p{  
    color:#0C1E5A  
}
```

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 #0C1E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1E5A
}
```

Border

The CSS property to change the border of an element to Hex 0C1E5A 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
#0C1E5A }
```

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

```
.border{ border-color:#0C1E5A }
```

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

Here you see how a box with a 4 pixel #0C1E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1E5A; -webkit-box-shadow:4px 4px  
4px 4px #0C1E5A; box-shadow:4px 4px 4px  
4px #0C1E5A }
```

Background

The CSS property to change the background color of an element to Hex 0C1E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1E5A }
```

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

```
.background{ background-color:#0C1E5A }
```

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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