

Converting Colors

Hex(0C0C5D)

Have a look what the booklet for
Hex(0C0C5D) contains.

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Color

Hex(0C0C5D)

Conversions

Conversions Part 1

Format	Color
Hex	0C0C5D
RGB	12, 12, 93
RGB Percent	5%, 5%, 36%
CMY	0.9529, 0.9529, 0.6353
CMYK	0.87, 0.87, 0.00, 0.64
HSL	240°, 77%, 21%
HSV	240°, 87%, 36%
XYZ	2.2589, 1.1314, 10.4553
YIQ	21.2340, -26.0010, 25.1910

Conversions

Conversions Part 2

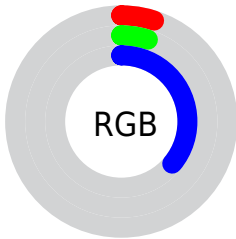
Format	Color
R_{YB}	12, 12, 93
Decimal	789597
CIE _{Lab}	10.04, 31.51, -46.69
CIE _{LCh}	10, 56.322, 304.014
Yxy	1.1314, 0.1631, 0.0817
Android (android.graphics.Color)	4278979677 (0xFF0C0C5D)
YUV	21.2340, 35.3806, -8.0982
Hunter-Lab	10.6368, 19.2925, -50.8322

Details

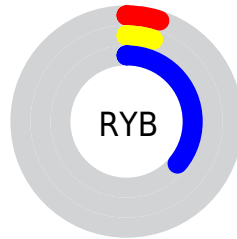
The Hex color **0C0C5D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D5D0C**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **4A3890**, and **00032E** is the 20% darker color. If you saturate the color by 10%, you get **03035D**, and if you desaturate by 10%, it is **15155D**.

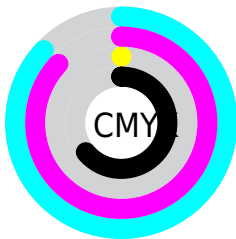
Distribution



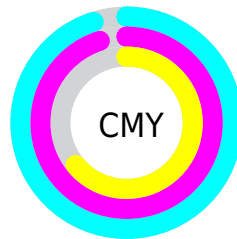
- Red (5%)
- Green (5%)
- Blue (36%)



- Red (5%)
- Yellow (5%)
- Blue (36%)



- Cyan (87%)
- Magenta (87%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0C5D 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 0C0C5D by changing the saturation by 10% instead.

 0C0C5D

 0C0C5D

 FFEEFF

 000045

 4A3890

 00032E

 644FAB

 000118

 8067C7

 000000

 9B81E3

 B79BFF

 D4B6FF

 F1D2FF

 0C0C5D

 0C0C5D

■ 03035D

■ 15155D

■ 00005D

■ 1F1F5D

■ 28285D

■ 31315D

■ 3B3B5D

■ 44445D

■ 4D4D5D

■ 56565D

■ 60605D

Harmonies

Analogous

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



00216B



0C0C5D



49003E

Triad

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



0C0C5D



3C0800



002920

Complementary

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



0C0C5D



5D5D0C

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.



002800



0C0C5D



1F1C00

Square

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



0C0C5D



510000



002500



002B46

Rectangle

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



0C0C5D



550025



002500



002812

Sweetspot

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



0C0C5D



595978



0C5D5D



2A2A3D



BDBDBD



3D3D3D

Same Dimension

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



0C0C5D



000078



340C5D



29292E



00006E



0000ED

Inverse Universe

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



5D0C5D



780078



345D0C



2E292E



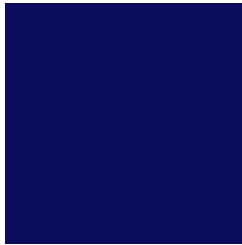
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 0C0C5D looks on a white background.

Color Contrast Check

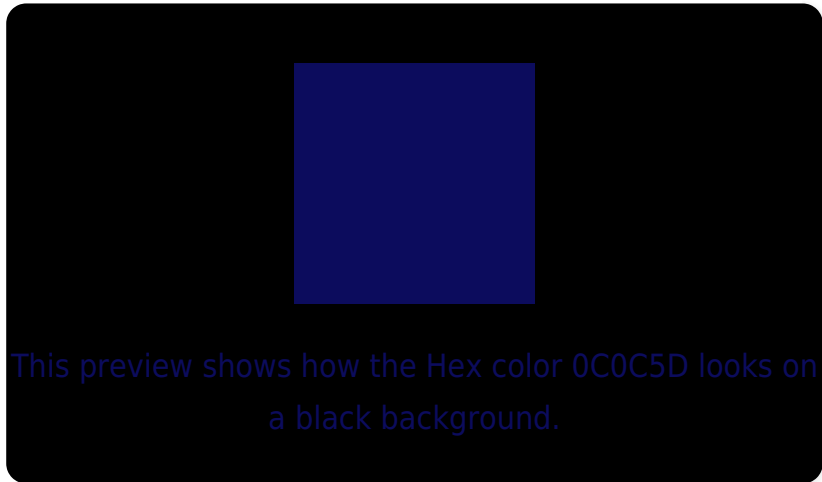
Large Text (above 18pt) WCAG AA ✓ Pass

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

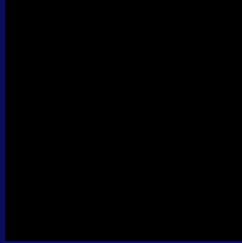
Any Text WCAG AA × Fail

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 0C0C5D Background



This preview shows how black text looks on a background with the Hex color 0C0C5D.



This preview shows how white text looks on a background with the Hex color 0C0C5D.

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
0C0C5D

Protanopia
001D3D

Deuteranopia
001F33

Trichromacy



Original Color

0C0C5D

Protanomaly

041749

Deuteranomaly

041842

Tritanomaly

041938

Monochromacy



Original Color

0C0C5D

Achromatopsia

151515

Achromatomaly

12122F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0C5D 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 #0C0C5D looks like.

```
.text, #text, p{  
    color:#0C0C5D  
}
```

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 #0C0C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0C5D
}
```

Border

The CSS property to change the border of an element to Hex 0C0C5D 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
#0C0C5D }
```

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

```
.border{ border-color:#0C0C5D }
```

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

Here you see how a box with a 4 pixel #0C0C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0C5D; -webkit-box-shadow:4px 4px  
4px 4px #0C0C5D; box-shadow:4px 4px 4px  
4px #0C0C5D }
```

Background

The CSS property to change the background color of an element to Hex 0C0C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0C5D }
```

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

```
.background{ background-color:#0C0C5D }
```

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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