

# Converting Colors

Hex(0C215D)

Have a look what the booklet for  
Hex(0C215D) contains.

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# Color

**Hex(0C215D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C215D
RGB	12, 33, 93
RGB Percent	5%, 13%, 36%
CMY	0.9529, 0.8706, 0.6353
CMYK	0.87, 0.65, 0.00, 0.64
HSL	224°, 77%, 21%
HSV	224°, 87%, 36%
XYZ	2.6713, 1.9562, 10.5927
YIQ	33.5610, -31.7760, 14.2080

# Conversions

## Conversions Part 2

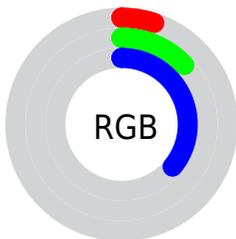
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 29, 93
Decimal	794973
CIE <sub>Lab</sub>	15.26, 17.30, -38.10
CIE <sub>LCh</sub>	15, 41.837, 294.419
Yxy	1.9562, 0.1755, 0.1285
Android (android.graphics.Color)	4278985053 (0xFF0C215D)
YUV	33.5610, 29.3034, -18.9090
Hunter-Lab	13.9864, 9.6155, -35.1134

# Details

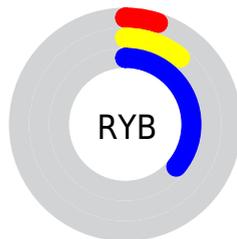
The Hex color **0C215D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D480C**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **474D90**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **031A5D**, and if you desaturate by 10%, it is **15285D**.

# Distribution



- Red (5%)
- Green (13%)
- Blue (36%)



- Red (5%)
- Yellow (11%)
- Blue (36%)



- Cyan (87%)
- Magenta (65%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (87%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C215D 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 0C215D by changing the saturation by 10% instead.

■ 0C215D

■ 0C215D

FFFFFF

■ 000C45

■ 474D90

■ 00042E

■ 6265AB

■ 000118

■ 7C7DC6

■ 000000

■ 9797E3

■ B3B2FF

■ CFCDFE

■ ECEAFF

■ 0C215D

■ 0C215D

■ 031A5D

■ 15285D

■ 00185D

■ 1F2F5D

■ 28365D

■ 313D5D

■ 3B435D

■ 444A5D

■ 4D515D

■ 56585D

■ 605F5D

# Harmonies

## Analogous

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



002C62



0C215D



430D49

# Triad

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



0C215D



4A1400



003220

# Complementary

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



0C215D



5D480C

# 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.



003000



0C215D



352300

# Square

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



0C215D



56000F



192C00



00323E

# Rectangle

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



0C215D



510037



192C00



003115

# Sweetspot

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



0C215D



596178



0C5D47



2A2F3D



BDBDBD



3D3D3D



# Same Dimension

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



0C215D



001F78



1F0C5D



292B2E



001C6E



003DED



# Inverse Universe

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



5D0C21



78001F



4A5D0C



2E292A



6E001C



ED003D



# Previews

## White Background



This preview shows how the Hex color 0C215D looks on a white background.

## Color Contrast Check

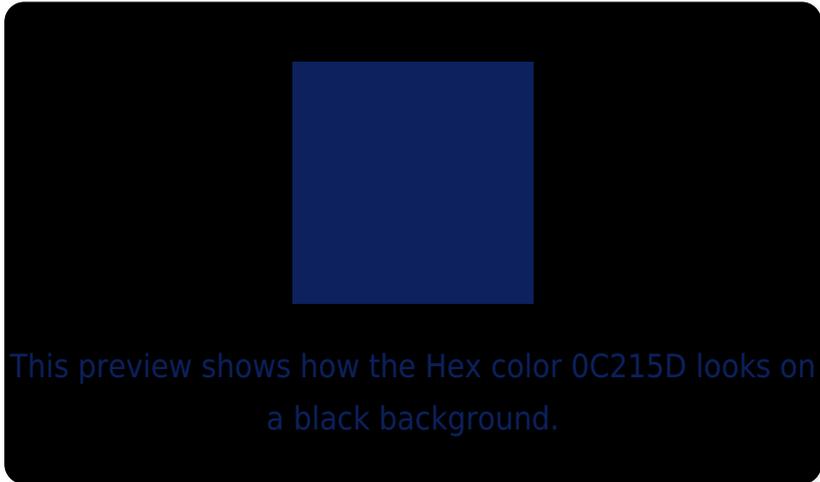
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C215D Background



This preview shows how black text looks on a background with the Hex color 0C215D.



This preview shows how white text looks on a background with the Hex color 0C215D.

# 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**

0C215D

**Protanopia**

00264F

**Deuteranopia**

002844



**Tritanopia**  
002B2E

# Trichromacy



**Original Color**  
0C215D

**Protanomaly**  
042454

**Deuteranomaly**  
04254D

**Tritanomaly**  
04273F

# Monochromacy



**Original Color**  
0C215D

**Achromatopsia**  
222222

**Achromatomaly**  
1A2237

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C215D 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 #0C215D looks like.

```
.text, #text, p{  
    color:#0C215D  
}
```

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 #0C215D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C215D
}
```

## Border

The CSS property to change the border of an element to Hex 0C215D 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
#0C215D }
```

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

```
.border{ border-color:#0C215D }
```

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

Here you see how a box with a 4 pixel #0C215D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C215D; -webkit-box-shadow:4px 4px  
4px 4px #0C215D; box-shadow:4px 4px 4px  
4px #0C215D }
```

# Background

The CSS property to change the background color of an element to Hex 0C215D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C215D }
```

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

```
.background{ background-color:#0C215D }
```

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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