

Converting Colors

Hex(0D0A56)

Have a look what the booklet for
Hex(0D0A56) contains.

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Color

Hex(0D0A56)

Conversions

Conversions Part 1

Format	Color
Hex	0D0A56
RGB	13, 10, 86
RGB Percent	5%, 4%, 34%
CMY	0.9490, 0.9608, 0.6627
CMYK	0.85, 0.88, 0.00, 0.66
HSL	242°, 79%, 19%
HSV	242°, 88%, 34%
XYZ	1.9542, 0.9745, 8.8892
YIQ	19.5610, -22.6080, 24.2720

Conversions

Conversions Part 2

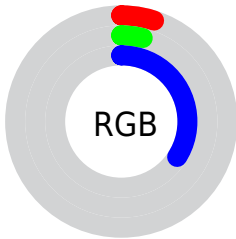
Format	Color
RYB	13, 10, 86
Decimal	854614
CIELab	8.78, 30.18, -44.04
CIELCh	9, 53.390, 304.419
Yxy	0.9745, 0.1654, 0.0825
Android (android.graphics.Color)	4279044694 (0xFF0D0A56)
YUV	19.5610, 32.7544, -5.7540
Hunter-Lab	9.8718, 18.0602, -46.4780

Details

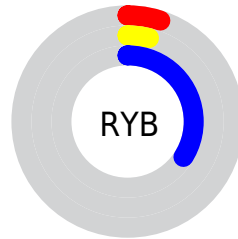
The Hex color **0D0A56** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **53560A**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **483589**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **050156**, and if you desaturate by 10%, it is **151356**.

Distribution



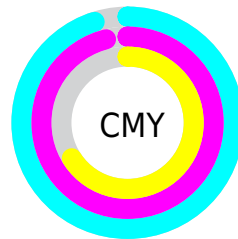
- Red (5%)
- Green (4%)
- Blue (34%)



- Red (5%)
- Yellow (4%)
- Blue (34%)



- Cyan (85%)
- Magenta (88%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (96%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0A56 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 0D0A56 by changing the saturation by 10% instead.

■ 0D0A56

■ 0D0A56

■ FFEBFF

■ 00003E

■ 483589

■ 000327

■ 624DA3

■ 000111

■ 7D65BF

■ 000000

■ 987EDB

■ B498F8

■ D1B3FF

■ EECFFF

■ 0D0A56

■ 0D0A56

■ 050156

■ 151356

■ 030056

■ 1E1B56

■ 262456

■ 2E2C56

■ 363556

■ 3F3E56

■ 474656

■ 4F4F56

■ 575756

Harmonies

Analogous

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



001E63



0D0A56



440039

Triad

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



0D0A56



380700



00251E

Complementary

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



0D0A56



53560A

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.



002500



0D0A56



1C1A00

Square

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



0D0A56



4B0000



002300



002742

Rectangle

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



0D0A56



4F0021



002300



002510

Sweetspot

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



0D0A56



535270



0A5356



272638



B8B8B8



383838

Same Dimension

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



0D0A56



040070



330A56



27272B



04006B



0900EB

Inverse Universe

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



560A53



70006C



2D560A



2B272B



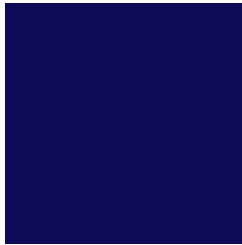
6B0067



EB00E1

Previews

White Background



This preview shows how the Hex color 0D0A56 looks on a white background.

Color Contrast Check

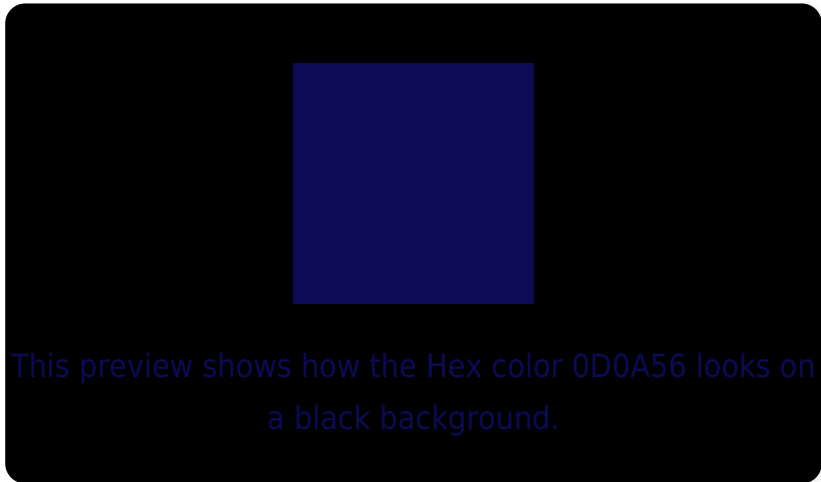
Large Text (above 18pt) WCAG AA ✓ Pass

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

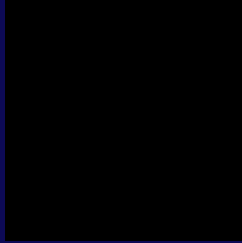
Any Text WCAG AA × Fail

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 0D0A56 Background



This preview shows how black text looks on a background with the Hex color 0D0A56.



This preview shows how white text looks on a background with the Hex color 0D0A56.

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
0D0A56

Protanopia
001B38

Deuteranopia
001C2F



Tritanopia
001F20

Trichromacy



Original Color
0D0A56

Protanomaly
051543

Deuteranomaly
05153D

Tritanomaly
051734

Monochromacy



Original Color
0D0A56

Achromatopsia
141414

Achromatomaly
11102C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0A56 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 #0D0A56 looks like.

```
.text, #text, p{  
    color:#0D0A56  
}
```

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 #0D0A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0A56
}
```

Border

The CSS property to change the border of an element to Hex 0D0A56 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".

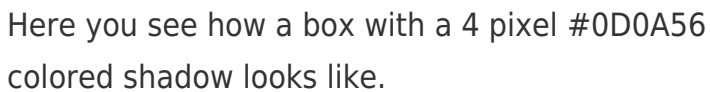
```
.border, #border, table{ border:4px solid
#0D0A56 }
```

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

```
.border{ border-color:#0D0A56 }
```

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

Here you see how a box with a 4 pixel #0D0A56 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0A56; -webkit-box-shadow:4px 4px  
4px 4px #0D0A56; box-shadow:4px 4px 4px  
4px #0D0A56 }
```

Background

The CSS property to change the background color of an element to Hex 0D0A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0A56 }
```

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

```
.background{ background-color:#0D0A56 }
```

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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