

Converting Colors

Hex(0D0542)

Have a look what the booklet for
Hex(0D0542) contains.

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Color

Hex(0D0542)

Conversions

Conversions Part 1

Format	Color
Hex	0D0542
RGB	13, 5, 66
RGB Percent	5%, 2%, 26%
CMY	0.9490, 0.9804, 0.7412
CMYK	0.80, 0.92, 0.00, 0.74
HSL	248°, 86%, 14%
HSV	248°, 92%, 26%
XYZ	1.2036, 0.5875, 5.2042
YIQ	14.3460, -14.8130, 20.6670

Conversions

Conversions Part 2

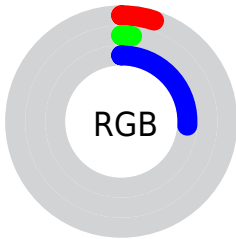
Format	Color
RYB	13, 5, 66
Decimal	853314
CIELab	5.31, 24.71, -35.85
CIElCh	5, 43.535, 304.574
Yxy	0.5875, 0.1721, 0.0840
Android (android.graphics.Color)	4279043394 (0xFF0D0542)
YUV	14.3460, 25.4654, -1.1804
Hunter-Lab	7.6646, 14.6181, -34.8925

Details

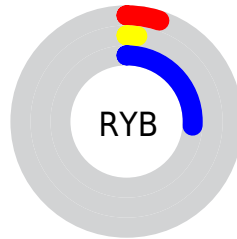
The Hex color **0D0542** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A4205**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **413173**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **090042**, and if you desaturate by 10%, it is **130C42**.

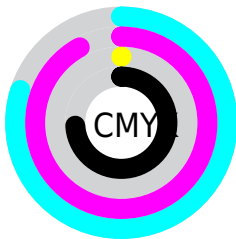
Distribution



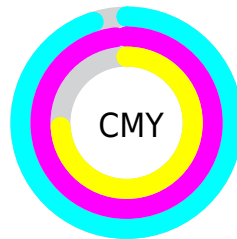
- Red (5%)
- Green (2%)
- Blue (26%)



- Red (5%)
- Yellow (2%)
- Blue (26%)



- Cyan (80%)
- Magenta (92%)
- Yellow (0%)
- Black (74%)



- Cyan (95%)
- Magenta (98%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0542 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 0D0542 by changing the saturation by 10% instead.

0D0542

0D0542

FFE4FF

00002B

413173

000116

5A478D

000000

745FA7

8F78C3

AA92DF

C6ADFC

E2C8FF

0D0542

0D0542

■ 090042

■ 130C42

■ 181242

■ 1E1942

■ 241F42

■ 2A2642

■ 2F2D42

■ 353342

■ 3B3A42

■ 414042

Harmonies

Analogous

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



00154C



0D0542



35002B

Triad

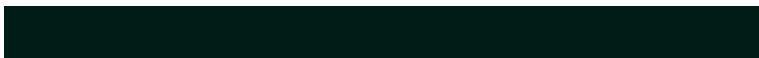
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D0542



2B0400



001C16

Complementary

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



0D0542



3A4205

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.



001B00



0D0542



131300

Square

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



0D0542



3A0000



001B00



001D32

Rectangle

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



0D0542



3D0019



001B00



001B08

Sweetspot

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



0D0542



423E57



053B42



1F1D2B



ABABAB



2B2B2B

Same Dimension

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



0D0542



0B0057



2B0542



1E1E21



0D0061



1D00E0

Inverse Universe

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



42053A



57004B



1C4205



211E21



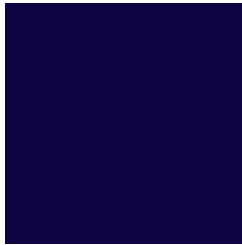
610054



E000C3

Previews

White Background



This preview shows how the Hex color 0D0542 looks on a white background.

Color Contrast Check

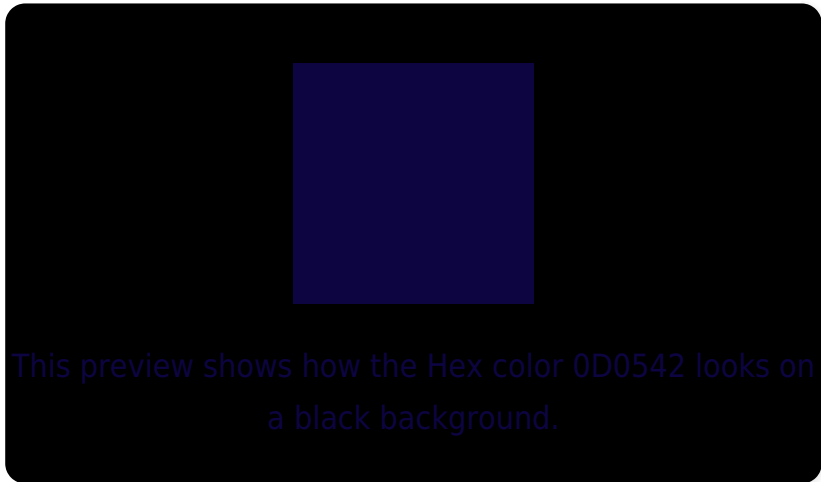
Large Text (above 18pt) WCAG AA ✓ Pass

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

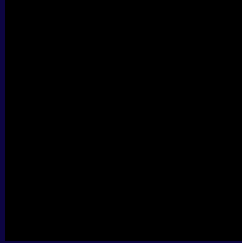
Any Text WCAG AA × Fail

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 0D0542 Background



This preview shows how black text looks on a background with the Hex color 0D0542.



This preview shows how white text looks on a background with the Hex color 0D0542.

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
0D0542

Protanopia
00142B

Deuteranopia
001624



Tritanopia
001719

Trichromacy



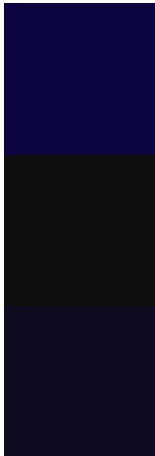
Original Color
0D0542

Protanomaly
050F33

Deuteranomaly
05102F

Tritanomaly
051028

Monochromacy



Original Color
0D0542

Achromatopsia
0E0E0E

Achromatomaly
0E0B21

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0542 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 #0D0542 looks like.

```
.text, #text, p{  
    color:#0D0542  
}
```

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 #0D0542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0542
}
```

Border

The CSS property to change the border of an element to Hex 0D0542 is called "border". The border property can be set on classes, ids or directly on the HTML element.

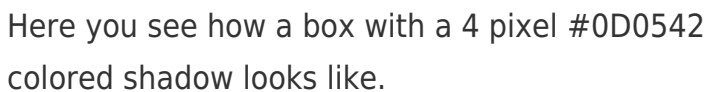
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D0542 }
```

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

```
.border{ border-color:#0D0542 }
```

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



Here you see how a box with a 4 pixel #0D0542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0542; -webkit-box-shadow:4px 4px  
4px 4px #0D0542; box-shadow:4px 4px 4px  
4px #0D0542 }
```

Background

The CSS property to change the background color of an element to Hex 0D0542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0542 }
```

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

```
.background{ background-color:#0D0542 }
```

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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