

Converting Colors

Hex(0D1A64)

Have a look what the booklet for
Hex(0D1A64) contains.

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Color

Hex(0D1A64)

Conversions

Conversions Part 1

Format	Color
Hex	0D1A64
RGB	13, 26, 100
RGB Percent	5%, 10%, 39%
CMY	0.9490, 0.8980, 0.6078
CMYK	0.87, 0.74, 0.00, 0.61
HSL	231°, 77%, 22%
HSV	231°, 87%, 39%
XYZ	2.8356, 1.7445, 12.2439
YIQ	30.5490, -31.5020, 20.2580

Conversions

Conversions Part 2

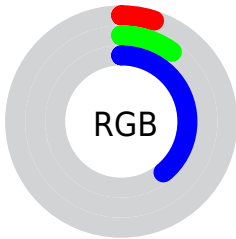
Format	Color
R_{YB}	13, 24, 100
Decimal	858724
CIE _{Lab}	14.08, 25.40, -44.66
CIE _{LCh}	14, 51.381, 299.626
Yxy	1.7445, 0.1685, 0.1037
Android (android.graphics.Color)	4279048804 (0xFF0D1A64)
YUV	30.5490, 34.2393, -15.3905
Hunter-Lab	13.2078, 15.2092, -45.7175

Details

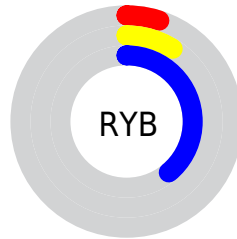
The Hex color **0D1A64** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **64570D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4B4598**, and **000434** is the 20% darker color. If you saturate the color by 10%, you get **031164**, and if you desaturate by 10%, it is **172364**.

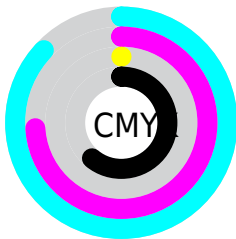
Distribution



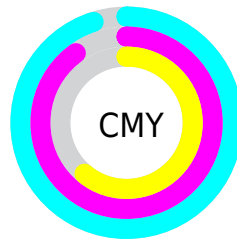
- Red (5%)
- Green (10%)
- Blue (39%)



- Red (5%)
- Yellow (9%)
- Blue (39%)



- Cyan (87%)
- Magenta (74%)
- Yellow (0%)
- Black (61%)



- Cyan (95%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1A64 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 0D1A64 by changing the saturation by 10% instead.

0D1A64

0D1A64

FFFEFF

00034C

4B4598

000434

665DB3

00021E

8176CF

000000

9C8FEB

B8AAFF

D5C5FF

F2E1FF

0D1A64

0D1A64

■ 031164

■ 172364

■ 000F64

■ 212B64

■ 2B3464

■ 353C64

■ 3F4564

■ 494D64

■ 535664

■ 5D5E64

■ 676764

Harmonies

Analogous

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



002A6E



0D1A64



4B0049

Triad

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



0D1A64



490F00



003122

Complementary

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



0D1A64



64570D

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.



002F00



0D1A64



2E2300

Square

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



0D1A64



5B0000



042B00



003247

Rectangle

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



0D1A64



5A0032



042B00



003115

Sweetspot

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



0D1A64



606582



0D6457



2E3142



C2C2C2



424242

Same Dimension

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



0D1A64



001382



2B0D64



2E2F33



001173



0024F2

Inverse Universe

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



640D1A



820013



46640D



332E2F



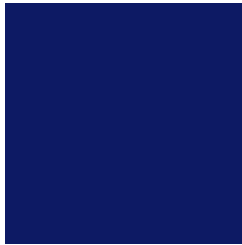
730011



F20024

Previews

White Background



This preview shows how the Hex color 0D1A64 looks on a white background.

Color Contrast Check

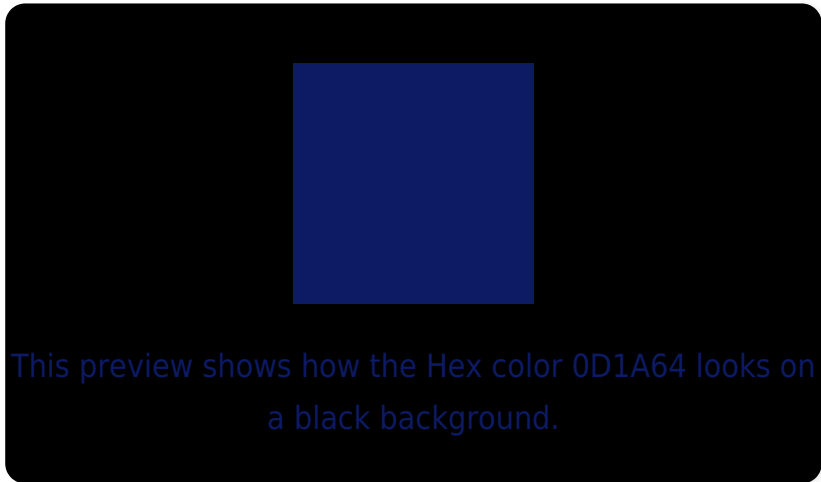
Large Text (above 18pt) WCAG AA ✓ Pass

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

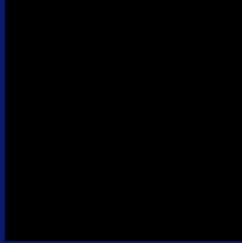
Any Text WCAG AA × Fail

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 0D1A64 Background



This preview shows how black text looks on a background with the Hex color 0D1A64.



This preview shows how white text looks on a background with the Hex color 0D1A64.

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
0D1A64

Deuteranopia
002640

Tritanopia
00292B

Trichromacy



Original Color

0D1A64

Deuteranomaly

05224D

Tritanomaly

052440

Monochromacy



Original Color

0D1A64

Achromatopsia

1F1F1F

Achromatomaly

181D38

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1A64 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 #0D1A64 looks like.

```
.text, #text, p{  
    color:#0D1A64  
}
```

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 #0D1A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1A64
}
```

Border

The CSS property to change the border of an element to Hex 0D1A64 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
#0D1A64 }
```

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

```
.border{ border-color:#0D1A64 }
```

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

Here you see how a box with a 4 pixel #0D1A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1A64; -webkit-box-shadow:4px 4px  
4px 4px #0D1A64; box-shadow:4px 4px 4px  
4px #0D1A64 }
```

Background

The CSS property to change the background color of an element to Hex 0D1A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1A64 }
```

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

```
.background{ background-color:#0D1A64 }
```

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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