

Converting Colors

Hex(0D2151)

Have a look what the booklet for
Hex(0D2151) contains.

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Color

Hex(0D2151)

Conversions

Conversions Part 1

Format	Color
Hex	0D2151
RGB	13, 33, 81
RGB Percent	5%, 13%, 32%
CMY	0.9490, 0.8706, 0.6824
CMYK	0.84, 0.59, 0.00, 0.68
HSL	222°, 72%, 18%
HSV	222°, 84%, 32%
XYZ	2.1950, 1.7674, 8.0100
YIQ	32.4920, -27.3280, 10.6880

Conversions

Conversions Part 2

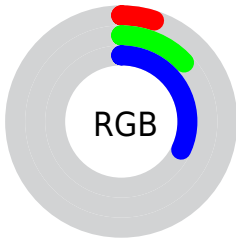
Format	Color
RYB	13, 28, 81
Decimal	860497
CIELab	14.22, 12.15, -31.71
CIELCh	14, 33.953, 290.963
Yxy	1.7674, 0.1833, 0.1476
Android (android.graphics.Color)	4279050577 (0xFF0D2151)
YUV	32.4920, 23.9144, -17.0945
Hunter-Lab	13.2942, 6.2077, -26.4175

Details

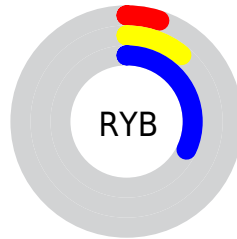
The Hex color **0D2151** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **513D0D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **444D83**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **051B51**, and if you desaturate by 10%, it is **152751**.

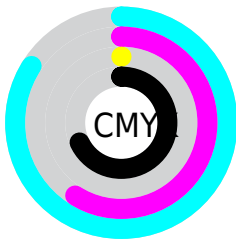
Distribution



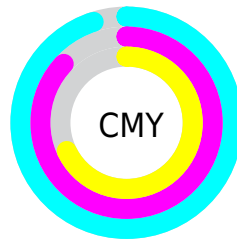
- Red (5%)
- Green (13%)
- Blue (32%)



- Red (5%)
- Yellow (11%)
- Blue (32%)



- Cyan (84%)
- Magenta (59%)
- Yellow (0%)
- Black (68%)



- Cyan (95%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2151 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 0D2151 by changing the saturation by 10% instead.



0D2151



0D2151

FFFFFF



000B3A



444D83



000224



5D649D



00000B



777DB8



000000



9297D4



ADB2F1



C9CDFF



E6E9FF



0D2151



0D2151

■ 051B51

■ 152751

■ 001851

■ 1D2C51

■ 253251

■ 2D3851

■ 363E51

■ 3E4351

■ 464951

■ 4E4F51

■ 565451

Harmonies

Analogous

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



002953



0D2151



391442

Triad

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



0D2151



451500



002E1C

Complementary

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



0D2151



513D0D

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.



002C00



0D2151



342000

Square

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



0D2151



4C0715



1F2800



002E34

Rectangle

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



0D2151



460A34



1F2800



002D13

Sweetspot

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



0D2151



4E5669



0D513D



252A36



B5B5B5



363636

Same Dimension

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



0D2151



001F69



1B0D51



252629



0044E8

Inverse Universe

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



510D21



69001F



43510D



292526



E80044

Previews

White Background



This preview shows how the Hex color 0D2151 looks on a white background.

Color Contrast Check

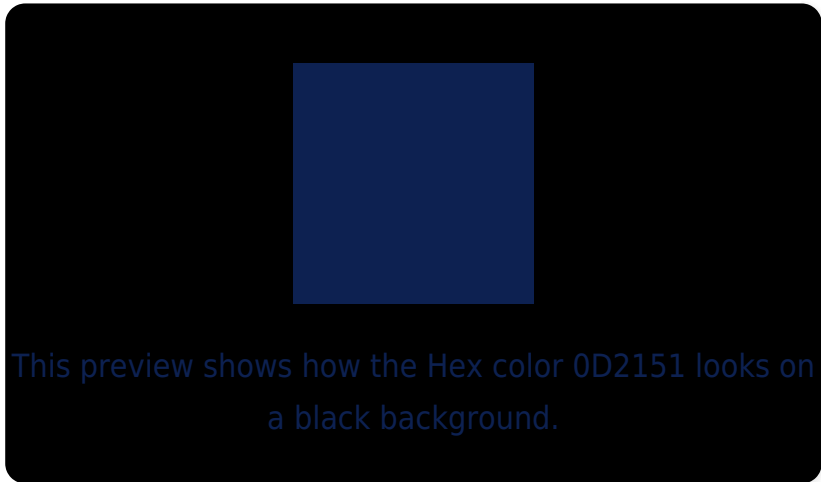
Large Text (above 18pt) WCAG AA ✓ Pass

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

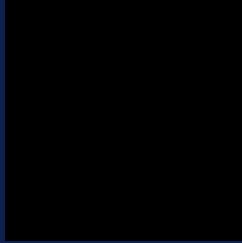
Any Text WCAG AA × Fail

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 0D2151 Background



This preview shows how black text looks on a background with the Hex color 0D2151.



This preview shows how white text looks on a background with the Hex color 0D2151.

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
0D2151

Protanopia
00234B

Deuteranopia
002640



Tritanopia
00292B

Trichromacy



Original Color
0D2151

Protanomaly
05224D

Deuteranomaly
052446

Tritanomaly
052639

Monochromacy



Original Color
0D2151

Achromatopsia
202020

Achromatomaly
192032

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2151 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 #0D2151 looks like.

```
.text, #text, p{  
    color:#0D2151  
}
```

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 #0D2151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2151
}
```

Border

The CSS property to change the border of an element to Hex 0D2151 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
#0D2151 }
```

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

```
.border{ border-color:#0D2151 }
```

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

Here you see how a box with a 4 pixel #0D2151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2151; -webkit-box-shadow:4px 4px  
4px 4px #0D2151; box-shadow:4px 4px 4px  
4px #0D2151 }
```

Background

The CSS property to change the background color of an element to Hex 0D2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2151 }
```

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

```
.background{ background-color:#0D2151 }
```

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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