

Converting Colors

Hex(0D2182)

Have a look what the booklet for
Hex(0D2182) contains.

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Color

Hex(0D2182)

Conversions

Conversions Part 1

Format	Color
Hex	0D2182
RGB	13, 33, 130
RGB Percent	5%, 13%, 51%
CMY	0.9490, 0.8706, 0.4902
CMYK	0.90, 0.75, 0.00, 0.49
HSL	230°, 82%, 28%
HSV	230°, 90%, 51%
XYZ	4.7391, 2.7850, 21.4069
YIQ	38.0780, -43.0570, 25.9270

Conversions

Conversions Part 2

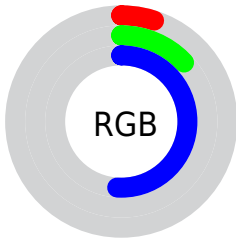
Format	Color
R_{YB}	13, 30, 130
Decimal	860546
CIE _{Lab}	19.16, 32.47, -55.67
CIE _{LCh}	19, 64.450, 300.254
Yxy	2.7850, 0.1638, 0.0963
Android (android.graphics.Color)	4279050626 (0xFF0D2182)
YUV	38.0780, 45.3175, -21.9934
Hunter-Lab	16.6883, 21.4856, -64.3724

Details

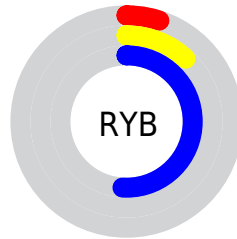
The Hex color **0D2182** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **826E0D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **544EB8**, and **00004F** is the 20% darker color. If you saturate the color by 10%, you get **001682**, and if you desaturate by 10%, it is **1A2C82**.

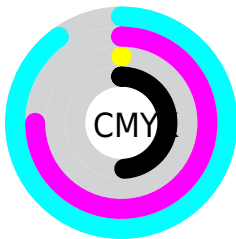
Distribution



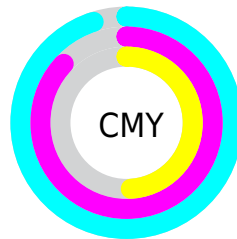
- Red (5%)
- Green (13%)
- Blue (51%)



- Red (5%)
- Yellow (12%)
- Blue (51%)



- Cyan (90%)
- Magenta (75%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2182 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 0D2182 by changing the saturation by 10% instead.

0D2182

0D2182

FFFFFF

000D68

544EB8

00004F

7166D4

000537

8D7FF1

000221

AA99FF

000006

C7B4FF

000000

E4D0FF

FFECFF

0D2182

0D2182

■ 001682

■ 1A2C82

■ 273782

■ 344182

■ 414C82

■ 4E5782

■ 5B6282

■ 686C82

■ 757782

■ 828282

Harmonies

Analogous

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



003690



0D2182



63005E

Triad

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



0D2182



5D1300



003F2E

Complementary

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



0D2182



826E0D

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.



003D00



0D2182



3A2D00

Square

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



0D2182



750000



003800



003F5E

Rectangle

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



0D2182



750040



003800



003E1D

Sweetspot

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



0D2182



7B83A8



0D826D



393E54



D4D4D4



545454

Same Dimension

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



0D2182



001DA8



320D82



393A40



001680



000000

Inverse Universe

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



820D21



A8001D



5D820D



40393A



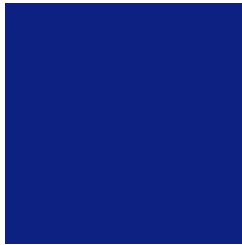
800016



000000

Previews

White Background



This preview shows how the Hex color 0D2182 looks on a white background.

Color Contrast Check

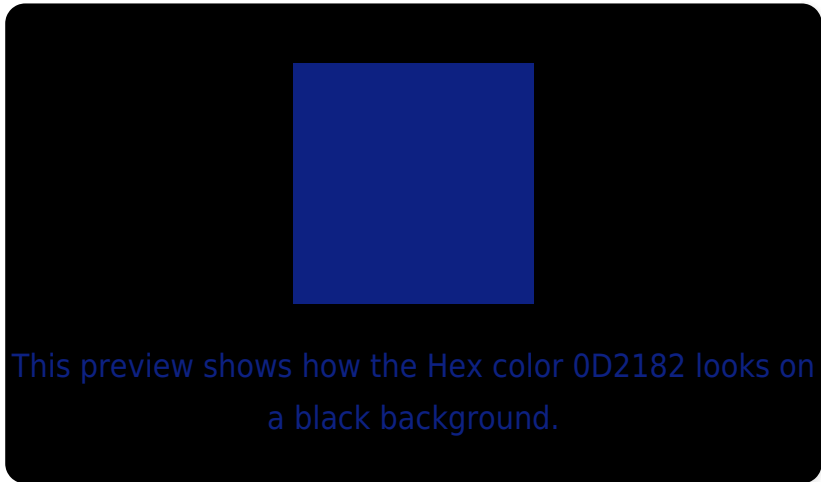
Large Text (above 18pt) WCAG AA ✓ Pass

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

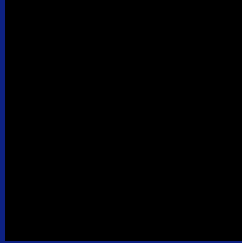
Any Text WCAG AA × Fail

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 0D2182 Background



This preview shows how black text looks on a background with the Hex color 0D2182.



This preview shows how white text looks on a background with the Hex color 0D2182.

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
0D2182

Protanopia
002E60

Deuteranopia
003152

Trichromacy



Original Color
0D2182

Protanomaly
05296C

Deuteranomaly
052B63

Tritanomaly
052E52

Monochromacy



Original Color
0D2182

Achromatopsia
262626

Achromatomaly
1D2447

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2182 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 #0D2182 looks like.

```
.text, #text, p{  
    color:#0D2182  
}
```

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 #0D2182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2182
}
```

Border

The CSS property to change the border of an element to Hex 0D2182 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
#0D2182 }
```

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

```
.border{ border-color:#0D2182 }
```

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

Here you see how a box with a 4 pixel #0D2182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2182; -webkit-box-shadow:4px 4px  
4px 4px #0D2182; box-shadow:4px 4px 4px  
4px #0D2182 }
```

Background

The CSS property to change the background color of an element to Hex 0D2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2182 }
```

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

```
.background{ background-color:#0D2182 }
```

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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