

Converting Colors

Hex(0D168B)

Have a look what the booklet for
Hex(0D168B) contains.

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Color

Hex(0D168B)

Conversions

Conversions Part 1

Format	Color
Hex	0D168B
RGB	13, 22, 139
RGB Percent	5%, 9%, 55%
CMY	0.9490, 0.9137, 0.4549
CMYK	0.91, 0.84, 0.00, 0.45
HSL	236°, 83%, 30%
HSV	236°, 91%, 55%
XYZ	5.1131, 2.5235, 24.6437
YIQ	32.6470, -42.9210, 34.4790

Conversions

Conversions Part 2

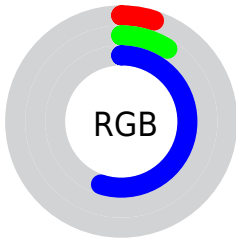
Format	Color
R_{YB}	13, 21, 139
Decimal	857739
CIE _{Lab}	18.02, 42.09, -63.22
CIE _{LCh}	18, 75.952, 303.656
Yxy	2.5235, 0.1584, 0.0782
Android (android.graphics.Color)	4279047819 (0xFF0D168B)
YUV	32.6470, 52.4320, -17.2304
Hunter-Lab	15.8854, 29.6549, -80.8592

Details

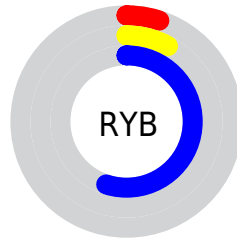
The Hex color **0D168B** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **8B820D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5844C2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **000A8B**, and if you desaturate by 10%, it is **1B238B**.

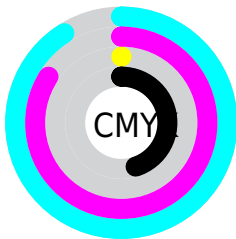
Distribution



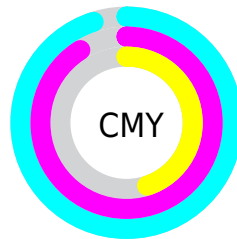
- Red (5%)
- Green (9%)
- Blue (55%)



- Red (5%)
- Yellow (8%)
- Blue (55%)



- Cyan (91%)
- Magenta (84%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D168B 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 0D168B by changing the saturation by 10% instead.

■ 0D168B

■ 0D168B

FFFFFF

■ 000171

■ 5844C2

■ 000058

■ 755CDE

■ 00063F

■ 9376FB

■ 000328

■ B090FF

■ 000112

■ CDAAFF

■ 000000

■ EBC6FF

■ FFE2FF

■ 0D168B

■ 0D168B

■ 000A8B

■ 1B238B

■ 29308B

■ 373D8B

■ 454A8B

■ 53578B

■ 60638B

■ 6E708B

■ 7C7D8B

■ 8A8A8B

Harmonies

Analogous

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



00359F



0D168B



6D005E

Triad

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



0D168B



5B0D00



003E32

Complementary

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



0D168B



8B820D

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.



003C00



0D168B



322D00

Square

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



0D168B



780000



003800



003F69

Rectangle

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



0D168B



7F003A



003800



003E1E

Sweetspot

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



0D168B



8488B5



0D8B80



3E415C



DBDBDB



5C5C5C

Same Dimension

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



0D168B



000DB5



420D8B



3E3E45



000985



000005

Inverse Universe

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



8B0D16



B5000D



578B0D



453E3E



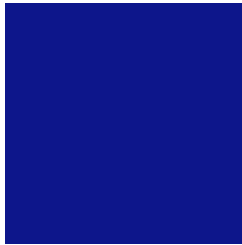
850009



050000

Previews

White Background



This preview shows how the Hex color 0D168B looks on a white background.

Color Contrast Check

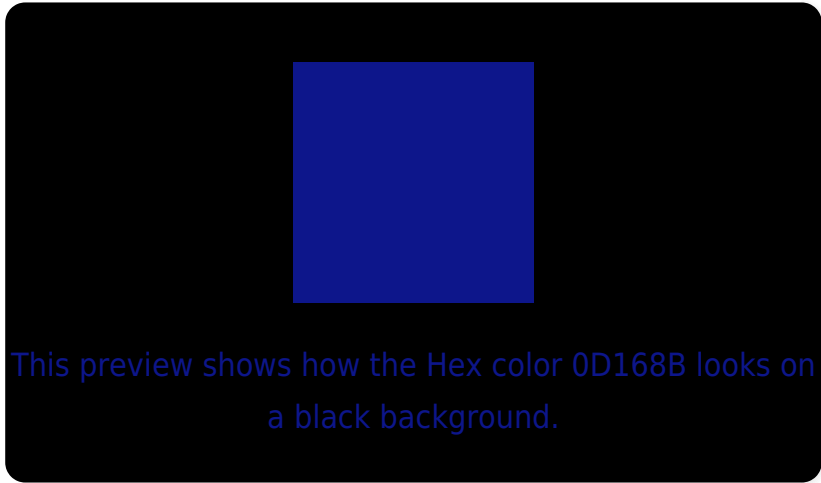
Large Text (above 18pt) WCAG AA ✓ Pass

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

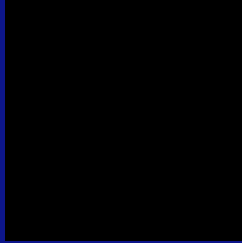
Any Text WCAG AA × Fail

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 0D168B Background



This preview shows how black text looks on a background with the Hex color 0D168B.



This preview shows how white text looks on a background with the Hex color 0D168B.

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
0D168B

Protanopia
002C5C

Deuteranopia
002F4E

Trichromacy



Original Color
0D168B

Protanomaly
05246D

Deuteranomaly
052664

Tritanomaly
052854

Monochromacy



Original Color
0D168B

Achromatopsia
212121

Achromatomaly
1A1D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D168B 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 #0D168B looks like.

```
.text, #text, p{  
    color:#0D168B  
}
```

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 #0D168B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D168B
}
```

Border

The CSS property to change the border of an element to Hex 0D168B 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
#0D168B }
```

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

```
.border{ border-color:#0D168B }
```

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

Here you see how a box with a 4 pixel #0D168B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D168B; -webkit-box-shadow:4px 4px  
4px 4px #0D168B; box-shadow:4px 4px 4px  
4px #0D168B }
```

Background

The CSS property to change the background color of an element to Hex 0D168B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D168B }
```

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

```
.background{ background-color:#0D168B }
```

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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