

Converting Colors

Hex(1D0872)

Have a look what the booklet for
Hex(1D0872) contains.

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Color

Hex(1D0872)

Conversions

Conversions Part 1

Format	Color
Hex	1D0872
RGB	29, 8, 114
RGB Percent	11%, 3%, 45%
CMY	0.8863, 0.9686, 0.5529
CMYK	0.75, 0.93, 0.00, 0.55
HSL	252°, 87%, 24%
HSV	252°, 93%, 45%
XYZ	3.6308, 1.6498, 16.0467
YIQ	26.3630, -21.5100, 37.4180

Conversions

Conversions Part 2

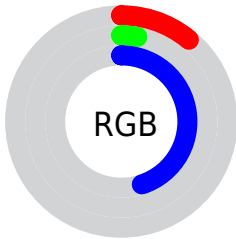
Format	Color
RYB	29, 8, 114
Decimal	1902706
CIELab	13.53, 41.11, -54.73
CIELCh	14, 68.447, 306.911
Yxy	1.6498, 0.1702, 0.0774
Android (android.graphics.Color)	4280092786 (0xFF1D0872)
YUV	26.3630, 43.2050, 2.3126
Hunter-Lab	12.8444, 27.9799, -65.0807

Details

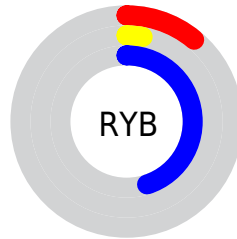
The Hex color **1D0872** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5D7208**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5938A7**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **170072**, and if you desaturate by 10%, it is **261372**.

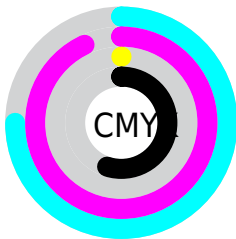
Distribution



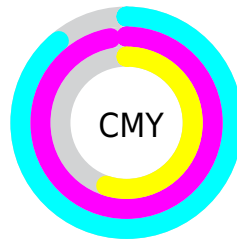
- Red (11%)
- Green (3%)
- Blue (45%)



- Red (11%)
- Yellow (3%)
- Blue (45%)



- Cyan (75%)
- Magenta (93%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (97%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0872 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 1D0872 by changing the saturation by 10% instead.

 1D0872

 1D0872

 FFF2FF


 000059

 5938A7

 000040

 7550C3

 000329

 9169DF

 000113

 AD83FC

 000000

 CA9EFF

 E7B9FF

 FFD5FF

 1D0872

 1D0872

■ 170072

■ 261372

■ 2F1F72

■ 382A72

■ 423672

■ 4B4172

■ 544C72

■ 5D5872

■ 666372

■ 6F6F72

Harmonies

Analogous

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



002986



1D0872



5E0049

Triad

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



1D0872



480D00



00322D

Complementary

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



1D0872



5D7208

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.



003100



1D0872



222500

Square

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



1D0872



620000



002E00



00345D

Rectangle

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



1D0872



6B002A



002E00



00321C

Sweetspot

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



1D0872



736A94



085F72



36314A



C9C9C9



4A4A4A

Same Dimension

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



1D0872



1D0094



500872



343238



180078



3100F7

Inverse Universe

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



72085D



940077



2A7208



383237



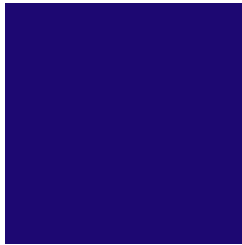
780060



F700C6

Previews

White Background



This preview shows how the Hex color 1D0872 looks on a white background.

Color Contrast Check

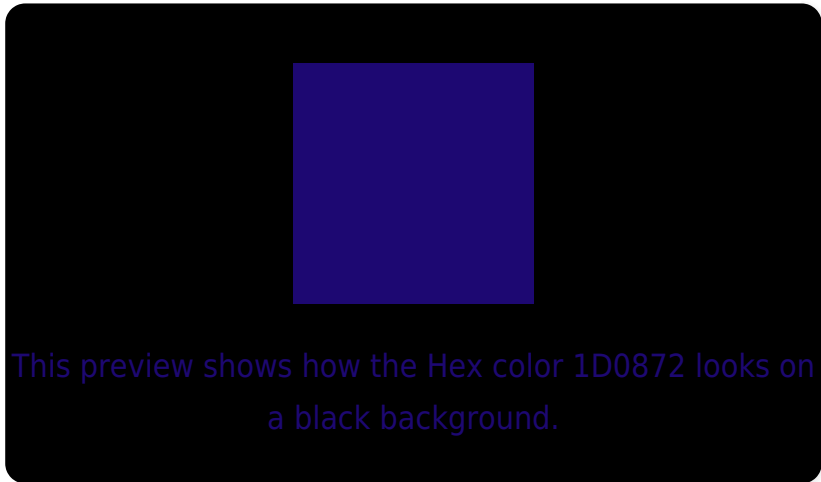
Large Text (above 18pt) WCAG AA ✓ Pass

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

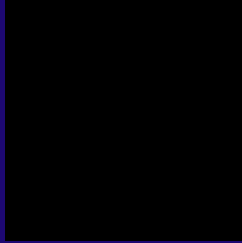
Any Text WCAG AA × Fail

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 1D0872 Background



This preview shows how black text looks on a background with the Hex color 1D0872.



This preview shows how white text looks on a background with the Hex color 1D0872.

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
1D0872

Protanopia
00244B

Deuteranopia
002640

Trichromacy



Original Color
1D0872

Protanomaly
0B1A59

Deuteranomaly
0B1B52

Tritanomaly
0B1D45

Monochromacy



Original Color
1D0872

Achromatopsia
1A1A1A

Achromatomaly
1B133A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0872 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 #1D0872 looks like.

```
.text, #text, p{  
    color:#1D0872  
}
```

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 #1D0872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0872
}
```

Border

The CSS property to change the border of an element to Hex 1D0872 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
#1D0872 }
```

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

```
.border{ border-color:#1D0872 }
```

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

Here you see how a box with a 4 pixel #1D0872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0872; -webkit-box-shadow:4px 4px  
4px 4px #1D0872; box-shadow:4px 4px 4px  
4px #1D0872 }
```

Background

The CSS property to change the background color of an element to Hex 1D0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0872 }
```

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

```
.background{ background-color:#1D0872 }
```

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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