

# Converting Colors

Hex(1D2239)

Have a look what the booklet for  
Hex(1D2239) contains.

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# Color

**Hex(1D2239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D2239
RGB	29, 34, 57
RGB Percent	11%, 13%, 22%
CMY	0.8863, 0.8667, 0.7765
CMYK	0.49, 0.40, 0.00, 0.78
HSL	229°, 33%, 17%
HSV	229°, 49%, 22%
XYZ	1.8172, 1.7007, 4.1034
YIQ	35.1270, -10.3630, 6.0930

# Conversions

## Conversions Part 2

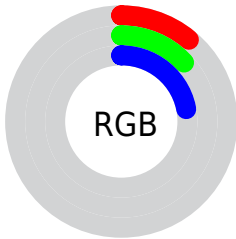
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 33, 57
Decimal	1909305
CIE <sub>Lab</sub>	13.83, 5.12, -15.62
CIE <sub>LCh</sub>	14, 16.438, 288.140
Yxy	1.7007, 0.2384, 0.2231
Android (android.graphics.Color)	4280099385 (0xFF1D2239)
<b>YUV</b>	35.1270, 10.7834, -5.3734
Hunter-Lab	13.0410, 2.0520, -9.5271

# Details

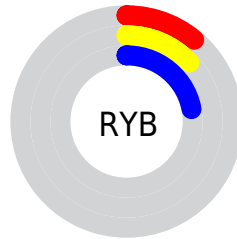
The Hex color **1D2239** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39341D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4A4E68**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **171D39**, and if you desaturate by 10%, it is **232739**.

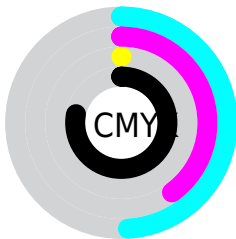
# Distribution



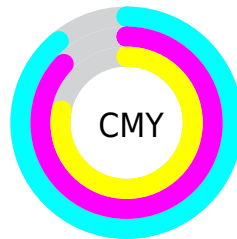
- Red (11%)
- Green (13%)
- Blue (22%)



- Red (11%)
- Yellow (13%)
- Blue (22%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (78%)



- Cyan (89%)
- Magenta (87%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D2239 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 1D2239 by changing the saturation by 10% instead.



■ 1D2239

■ 1D2239

FFFFFF

■ 070C23

■ 4A4E68

■ 00000C

■ 636681

■ 000000

■ 7C7F9B

■ 9699B6

■ B1B4D2

■ CCCFEE

■ E8EBFF

■ 1D2239

■ 1D2239

■ 171D39

■ 232739

■ 121939

■ 282B39

■ 0C1439

■ 2E3039

■ 060F39

■ 343539

■ 000B39

■ 3A3939

■ 000A39

■ 3F3E39

■ 454339

■ 4B4739

■ 504C39

# Harmonies

## Analogous

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



04263A



1D2239



2D1E33

# Triad

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



1D2239



361D12



05291E

# Complementary

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



1D2239



39341D

# 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.



162713



1D2239



2E210B

# Square

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



1D2239



391A1D



24250B



00292A

# Rectangle

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



1D2239



341B2C



24250B



0B291A



# Sweetspot

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



1D2239



3F414A



1D3934



1F2126



A6A6A6



262626



# Same Dimension

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



1D2239



1E264A



261D39



191A1C



00105C



0027DB



# Inverse Universe

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



391D22



4A1E26



30391D



1C191A



5C0010

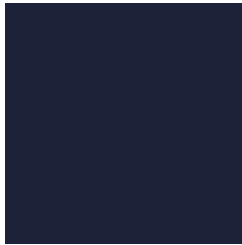


DB0027



# Previews

## White Background



This preview shows how the Hex color 1D2239 looks on a white background.

## Color Contrast Check

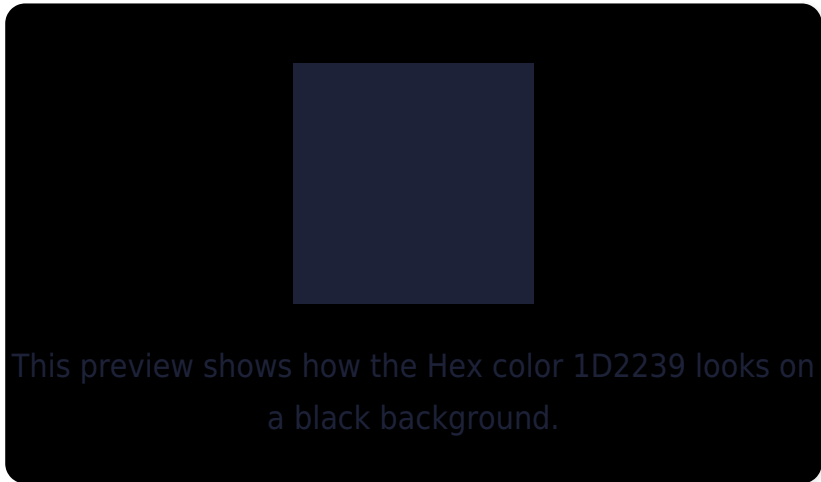
Large Text (above 18pt) WCAG AA ✓ Pass

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

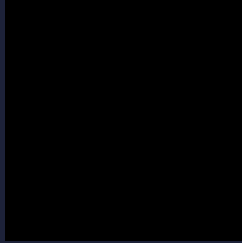
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D2239 Background



This preview shows how black text looks on a background with the Hex color 1D2239.



This preview shows how white text looks on a background with the Hex color 1D2239.

# 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**  
1D2239

**Protanopia**  
1A233A

**Deuteranopia**  
172339



**Tritanopia**  
182629

# Trichromacy



**Original Color**  
1D2239

**Protanomaly**  
1B233A

**Deuteranomaly**  
192339

**Tritanomaly**  
1A252F

# Monochromacy



**Original Color**  
1D2239

**Achromatopsia**  
232323

**Achromatomaly**  
21232B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D2239 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 #1D2239 looks like.

```
.text, #text, p{  
    color:#1D2239  
}
```

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 #1D2239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2239
}
```

## Border

The CSS property to change the border of an element to Hex 1D2239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

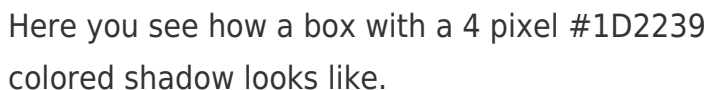
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D2239 }
```

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

```
.border{ border-color:#1D2239 }
```

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



Here you see how a box with a 4 pixel #1D2239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2239; -webkit-box-shadow:4px 4px  
4px 4px #1D2239; box-shadow:4px 4px 4px  
4px #1D2239 }
```

# Background

The CSS property to change the background color of an element to Hex 1D2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2239 }
```

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

```
.background{ background-color:#1D2239 }
```

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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