

# Converting Colors

Hex(1D1433)

Have a look what the booklet for  
Hex(1D1433) contains.

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# Color

**Hex(1D1433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D1433
RGB	29, 20, 51
RGB Percent	11%, 8%, 20%
CMY	0.8863, 0.9216, 0.8000
CMYK	0.43, 0.61, 0.00, 0.80
HSL	257°, 44%, 14%
HSV	257°, 61%, 20%
XYZ	1.3544, 1.0005, 3.2537
YIQ	26.2250, -4.5870, 11.5490

# Conversions

## Conversions Part 2

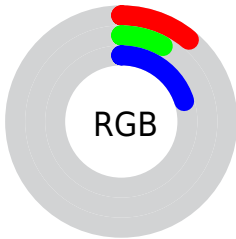
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 20, 51
Decimal	1905715
CIE Lab	9.00, 13.48, -18.97
CIE LCh	9, 23.268, 305.398
Yxy	1.0005, 0.2415, 0.1784
Android (android.graphics.Color)	4280095795 (0xFF1D1433)
YUV	26.2250, 12.2141, 2.4337
Hunter-Lab	10.0027, 6.6647, -12.2841

# Details

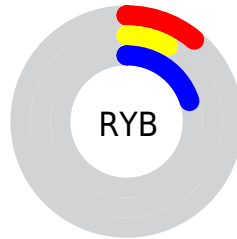
The Hex color **1D1433** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A3314**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4A3E62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **190F33**, and if you desaturate by 10%, it is **211933**.

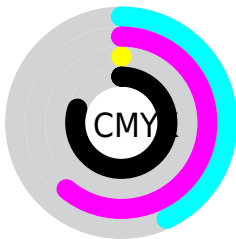
# Distribution



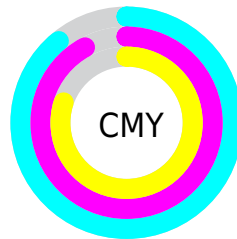
- Red (11%)
- Green (8%)
- Blue (20%)



- Red (11%)
- Yellow (8%)
- Blue (20%)



- Cyan (43%)
- Magenta (61%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (92%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D1433 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 1D1433 by changing the saturation by 10% instead.



■ 1D1433

■ 1D1433

■ FFF5FF

■ 04001E

■ 4A3E62

■ 000000

■ 63567B

■ 7C6E95

■ 9687AF

■ B1A2CB

■ CCBDE7

■ E9D9FF

■ 1D1433

■ 1D1433

■ 190F33

■ 211933

■ 160A33

■ 241E33

■ 120533

■ 282333

■ 0F0033

■ 2B2833

■ 2F2E33

■ 333333

■ 363833

■ 3A3D33

■ 3E4233

# Harmonies

## Analogous

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



001A39



1D1433



2E0C27

# Triad

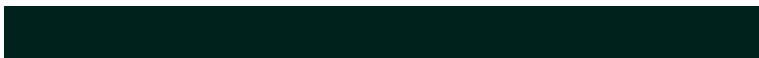
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1D1433



2B1400



00221C

# Complementary

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



1D1433



2A3314

# 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.



002008



1D1433



1F1A00

# Square

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



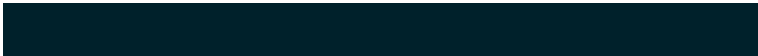
1D1433



340C01



0F1E00



00212B

# Rectangle

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



1D1433



34091D



0F1E00



002116



# Sweetspot

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



1D1433



3A3642



142A33



1C1A21



A1A1A1



212121



# Same Dimension

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



1D1433



201242



2C1433



18171A



1A0059



3F00D9



# Inverse Universe

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



33142A



421234



1B3314



1A1719



59003F



D9009A



# Previews

## White Background



This preview shows how the Hex color 1D1433 looks on a white background.

## Color Contrast Check

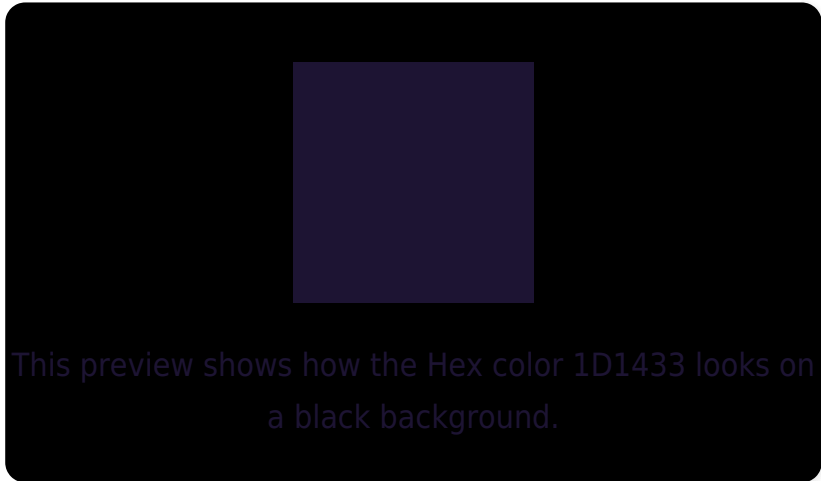
Large Text (above 18pt) WCAG AA ✓ Pass

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

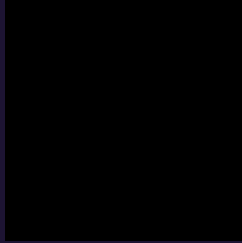
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D1433 Background



This preview shows how black text looks on a background with the Hex color 1D1433.



This preview shows how white text looks on a background with the Hex color 1D1433.

# 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**  
1D1433

**Protanopia**  
001935

**Deuteranopia**  
001B2E



# Trichromacy



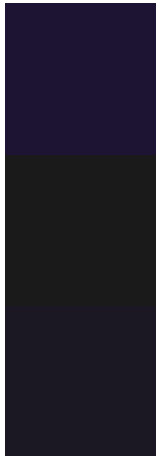
**Original Color**  
1D1433

**Protanomaly**  
0B1734

**Deuteranomaly**  
0B1830

**Tritanomaly**  
191824

# Monochromacy



**Original Color**  
1D1433

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1B1823

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D1433 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 #1D1433 looks like.

```
.text, #text, p{  
    color:#1D1433  
}
```

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 #1D1433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1433  
}
```

## Border

The CSS property to change the border of an element to Hex 1D1433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

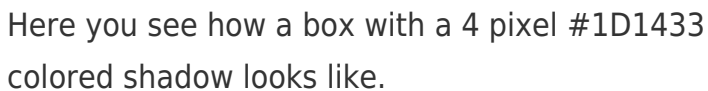
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#1D1433 }
```

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

```
.border{ border-color:#1D1433 }
```

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



Here you see how a box with a 4 pixel #1D1433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1433; -webkit-box-shadow:4px 4px  
4px 4px #1D1433; box-shadow:4px 4px 4px  
4px #1D1433 }
```

# Background

The CSS property to change the background color of an element to Hex 1D1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1433 }
```

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

```
.background{ background-color:#1D1433 }
```

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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