

Converting Colors

Hex(1D3849)

Have a look what the booklet for
Hex(1D3849) contains.

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Color

Hex(1D3849)

Conversions

Conversions Part 1

Format	Color
Hex	1D3849
RGB	29, 56, 73
RGB Percent	11%, 22%, 29%
CMY	0.8863, 0.7804, 0.7137
CMYK	0.60, 0.23, 0.00, 0.71
HSL	203°, 43%, 20%
HSV	203°, 60%, 29%
XYZ	3.1235, 3.5706, 6.8279
YIQ	49.8650, -21.5490, -0.4370

Conversions

Conversions Part 2

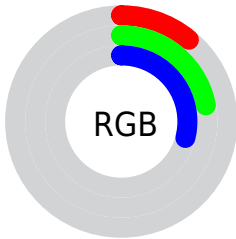
Format	Color
RYB	29, 46, 73
Decimal	1914953
CIELab	22.20, -4.49, -13.60
CIElCh	22, 14.323, 251.721
Yxy	3.5706, 0.2310, 0.2641
Android (android.graphics.Color)	4280105033 (0xFF1D3849)
YUV	49.8650, 11.4056, -18.2986
Hunter-Lab	18.8960, -3.5624, -8.1967

Details

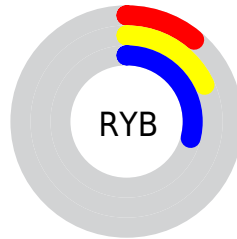
The Hex color **1D3849** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **492E1D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4D677A**, and **000D1E** is the 20% darker color. If you saturate the color by 10%, you get **163549**, and if you desaturate by 10%, it is **243B49**.

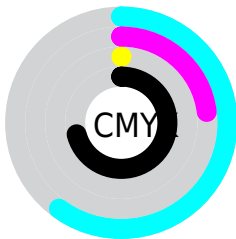
Distribution



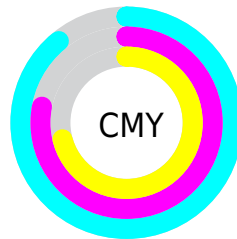
- Red (11%)
- Green (22%)
- Blue (29%)



- Red (11%)
- Yellow (18%)
- Blue (29%)



- Cyan (60%)
- Magenta (23%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3849 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 1D3849 by changing the saturation by 10% instead.

■ 1D3849

■ 1D3849

FFFFFF

■ 042332

■ 4D677A

■ 000D1E

■ 668093

■ 000000

■ 7F9AAE

■ 9AB5C9

■ B5D0E6

■ D1ECFF

■ EDFFFF

■ 1D3849

■ 1D3849

■ 163549

■ 243B49

■ 0E3249

■ 2C3E49

■ 073049

■ 334049

■ 002D49

■ 3A4349

■ 424649

■ 494949

■ 504C49

■ 574F49

■ 5F5149

Harmonies

Analogous

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



123A43



1D3849



2D354A

Triad

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



1D3849



4A2D31



2C3925

Complementary

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



1D3849



492E1D

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.



383620



1D3849



492F27

Square

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



1D3849



462E3C



423221



203A2E

Rectangle

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



1D3849



373247



423221



313823

Sweetspot

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



1D3849



4D585E



1D492E



262C30



B0B0B0



303030

Same Dimension

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



1D3849



1A445E



1D2249



202224



003D63



008BE3

Inverse Universe

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



491D38



5E1A44



49441D



242022



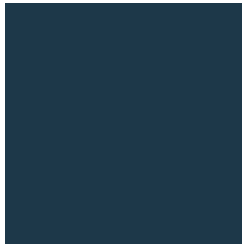
63003D



E3008B

Previews

White Background



This preview shows how the Hex color 1D3849 looks on a white background.

Color Contrast Check

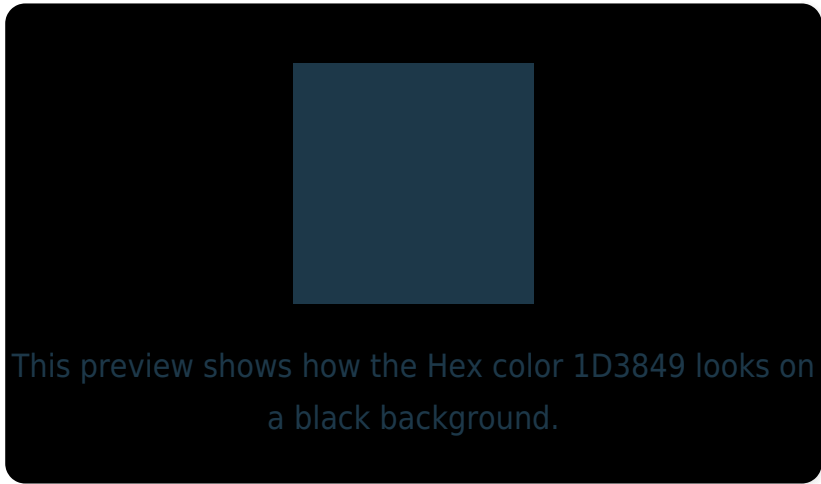
Large Text (above 18pt) WCAG AA ✓ Pass

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

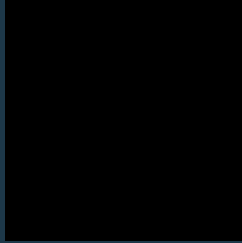
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

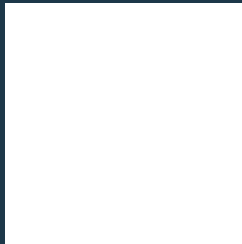
Any Text WCAG AAA × Fail

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

Hex 1D3849 Background



This preview shows how black text looks on a background with the Hex color 1D3849.



This preview shows how white text looks on a background with the Hex color 1D3849.

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
1D3849

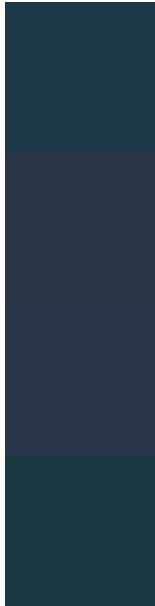
Protanopia
303446

Deuteranopia
2E344A



Tritanopia
183A3F

Trichromacy



Original Color
1D3849

Protanomaly
293547

Deuteranomaly
28354A

Tritanomaly
1A3943

Monochromacy



Original Color
1D3849

Achromatopsia
323232

Achromatomaly
2A343A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3849 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 #1D3849 looks like.

```
.text, #text, p{  
    color:#1D3849  
}
```

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 #1D3849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3849
}
```

Border

The CSS property to change the border of an element to Hex 1D3849 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
#1D3849 }
```

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

```
.border{ border-color:#1D3849 }
```

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

Here you see how a box with a 4 pixel #1D3849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3849; -webkit-box-shadow:4px 4px  
4px 4px #1D3849; box-shadow:4px 4px 4px  
4px #1D3849 }
```

Background

The CSS property to change the background color of an element to Hex 1D3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3849 }
```

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

```
.background{ background-color:#1D3849 }
```

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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