

Converting Colors

Hex(1D3847)

Have a look what the booklet for
Hex(1D3847) contains.

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Color

Hex(1D3847)

Conversions

Conversions Part 1

Format	Color
Hex	1D3847
RGB	29, 56, 71
RGB Percent	11%, 22%, 28%
CMY	0.8863, 0.7804, 0.7216
CMYK	0.59, 0.21, 0.00, 0.72
HSL	201°, 42%, 20%
HSV	201°, 59%, 28%
XYZ	3.0582, 3.5445, 6.4842
YIQ	49.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

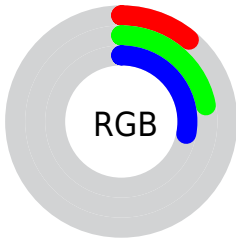
Format	Color
R_{YB}	29, 45, 71
Decimal	1914951
CIE Lab	22.10, -5.21, -12.40
CIE LCh	22, 13.456, 247.204
Yxy	3.5445, 0.2337, 0.2708
Android (android.graphics.Color)	4280105031 (0xFF1D3847)
YUV	49.6370, 10.5320, -18.0986
Hunter-Lab	18.8268, -3.9517, -7.2415

Details

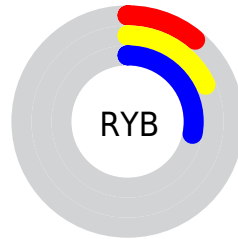
The Hex color **1D3847** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472C1D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4D6777**, and **000D1C** is the 20% darker color. If you saturate the color by 10%, you get **163547**, and if you desaturate by 10%, it is **243B47**.

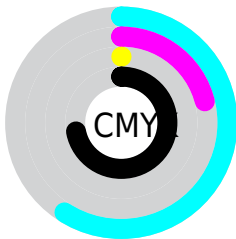
Distribution



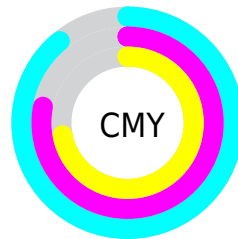
- Red (11%)
- Green (22%)
- Blue (28%)



- Red (11%)
- Yellow (18%)
- Blue (28%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)
- Black (72%)



- Cyan (89%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3847 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 1D3847 by changing the saturation by 10% instead.

■ 1D3847

■ 1D3847

FFFFFF

■ 042331

■ 4D6777

■ 000D1C

■ 658091

■ 000000

■ 7F9AAC

■ 99B5C7

■ B4D0E3

■ D0ECFF

■ EDFFFF

■ 1D3847

■ 1D3847

■ 163547

■ 243B47

■ 0F3347

■ 2B3D47

■ 083047

■ 324047

■ 012E47

■ 394247

■ 002E47

■ 414547

■ 484747

■ 4F4A47

■ 564C47

■ 5D4F47

Harmonies

Analogous

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



153A41



1D3847



2B3549

Triad

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



1D3847



492D33



2F3825

Complementary

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



1D3847



472C1D

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.



3A3521



1D3847



482F29

Square

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



1D3847



442F3D



423223



233A2D

Rectangle

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



1D3847



353347



423223



323723

Sweetspot

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



1D3847



4B565C



1D472C



242A2E



ADADAD



2E2E2E

Same Dimension

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



1D3847



1B455C



1D2347



202224



004063



0092E3

Inverse Universe

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



471D38



5C1B45



47411D



242022



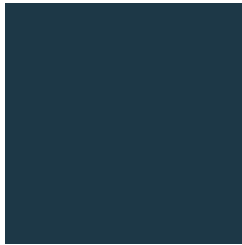
630040



E30092

Previews

White Background



This preview shows how the Hex color 1D3847 looks on a white background.

Color Contrast Check

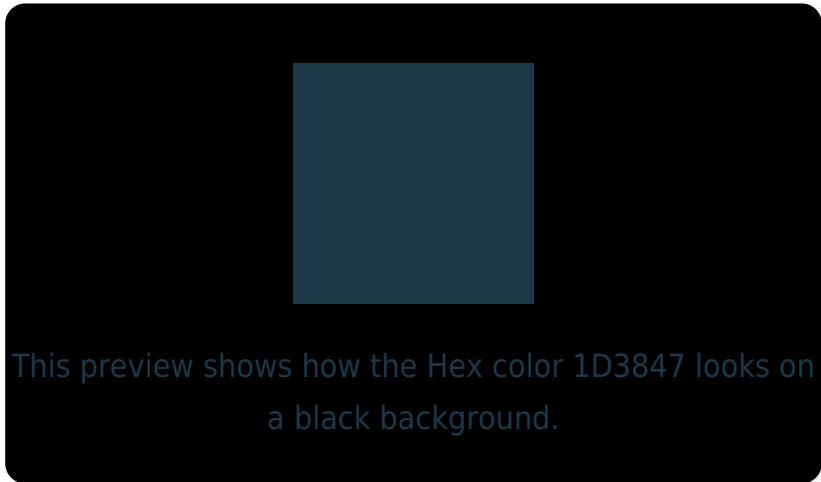
Large Text (above 18pt) WCAG AA ✓ Pass

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

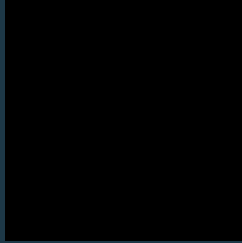
Any Text WCAG AA × Fail

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 1D3847 Background



This preview shows how black text looks on a background with the Hex color 1D3847.



This preview shows how white text looks on a background with the Hex color 1D3847.

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
1D3847

Protanopia
313444

Deuteranopia
2F3448



Tritanopia
193A3E

Trichromacy



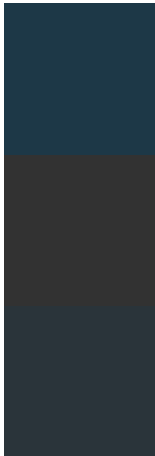
Original Color
1D3847

Protanomaly
2A3545

Deuteranomaly
283548

Tritanomaly
1A3941

Monochromacy



Original Color
1D3847

Achromatopsia
323232

Achromatomaly
2A343A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3847 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 #1D3847 looks like.

```
.text, #text, p{  
    color:#1D3847  
}
```

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 #1D3847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3847
}
```

Border

The CSS property to change the border of an element to Hex 1D3847 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
#1D3847 }
```

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

```
.border{ border-color:#1D3847 }
```

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

Here you see how a box with a 4 pixel #1D3847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3847; -webkit-box-shadow:4px 4px  
4px 4px #1D3847; box-shadow:4px 4px 4px  
4px #1D3847 }
```

Background

The CSS property to change the background color of an element to Hex 1D3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3847 }
```

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

```
.background{ background-color:#1D3847 }
```

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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