

Converting Colors

Hex(1D3846)

Have a look what the booklet for
Hex(1D3846) contains.

Hex(1D3846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1D3846)

Conversions

Conversions Part 1

Format	Color
Hex	1D3846
RGB	29, 56, 70
RGB Percent	11%, 22%, 27%
CMY	0.8863, 0.7804, 0.7255
CMYK	0.59, 0.20, 0.00, 0.73
HSL	200°, 41%, 19%
HSV	200°, 59%, 27%
XYZ	3.0264, 3.5318, 6.3165
YIQ	49.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

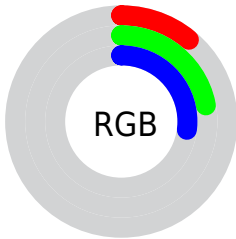
Format	Color
R_{YB}	29, 45, 70
Decimal	1914950
CIE _{Lab}	22.06, -5.57, -11.80
CIE _{LCh}	22, 13.053, 244.738
Yxy	3.5318, 0.2351, 0.2743
Android (android.graphics.Color)	4280105030 (0xFF1D3846)
YUV	49.5230, 10.0952, -17.9987
Hunter-Lab	18.7930, -4.1426, -6.7730

Details

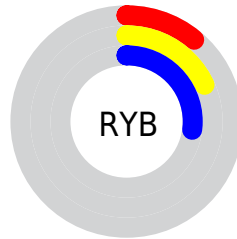
The Hex color **1D3846** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462B1D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4C6776**, and **000D1B** is the 20% darker color. If you saturate the color by 10%, you get **163646**, and if you desaturate by 10%, it is **243A46**.

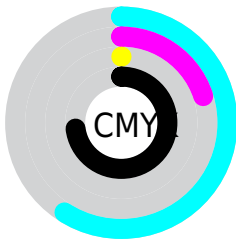
Distribution



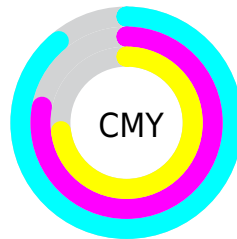
- Red (11%)
- Green (22%)
- Blue (27%)



- Red (11%)
- Yellow (18%)
- Blue (27%)



- Cyan (59%)
- Magenta (20%)
- Yellow (0%)
- Black (73%)



- Cyan (89%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3846 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 1D3846 by changing the saturation by 10% instead.

■ 1D3846

■ 1D3846

FFFFFF

■ 042330

■ 4C6776

■ 000D1B

■ 658090

■ 000000

■ 7F9AAA

■ 99B5C6

■ B4D0E2

■ D0ECFE

■ EDFFFF

■ 1D3846

■ 1D3846

■ 163646

■ 243A46

■ 0F3346

■ 2B3D46

■ 083146

■ 323F46

■ 012E46

■ 394246

■ 002E46

■ 404446

■ 474646

■ 4E4946

■ 554B46

■ 5C4E46

Harmonies

Analogous

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



163A3F



1D3846



2B3548

Triad

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



1D3846



482E34



303825

Complementary

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



1D3846



462B1D

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



1D3846



472F2A

Square

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



1D3846



422F3D



433124



24392C

Rectangle

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



1D3846



343346



433124



333723

Sweetspot

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



1D3846



4B565C



1D462B



242A2E



ADADAD



2E2E2E

Same Dimension

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



1D3846



1C465C



1D2446



202224



004163



0095E3

Inverse Universe

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



461D38



5C1C46



463F1D



242022



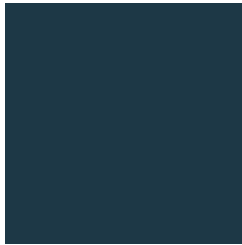
630041



E30095

Previews

White Background



This preview shows how the Hex color 1D3846 looks on a white background.

Color Contrast Check

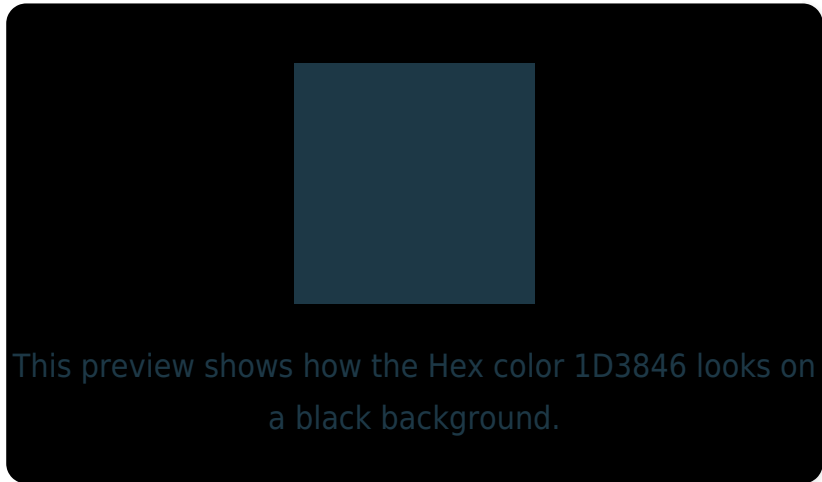
Large Text (above 18pt) WCAG AA ✓ Pass

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

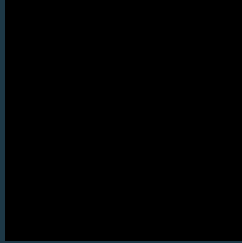
Any Text WCAG AA × Fail

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 1D3846 Background



This preview shows how black text looks on a background with the Hex color 1D3846.



This preview shows how white text looks on a background with the Hex color 1D3846.

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](#).

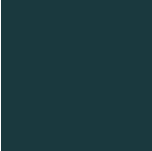
Dichromacy



Original Color
1D3846

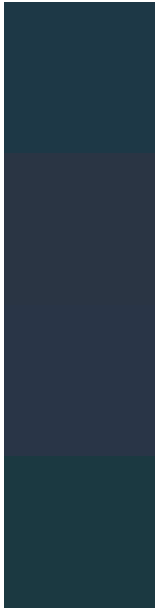
Protanopia
313443

Deuteranopia
303447



Tritanopia
1A393E

Trichromacy



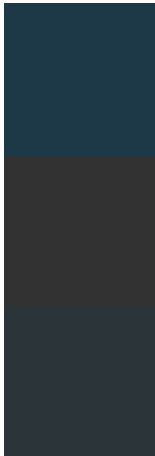
Original Color
1D3846

Protanomaly
2A3544

Deuteranomaly
293547

Tritanomaly
1B3941

Monochromacy



Original Color
1D3846

Achromatopsia
323232

Achromatomaly
2A3439

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3846 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 #1D3846 looks like.

```
.text, #text, p{  
    color:#1D3846  
}
```

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 #1D3846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3846
}
```

Border

The CSS property to change the border of an element to Hex 1D3846 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
#1D3846 }
```

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

```
.border{ border-color:#1D3846 }
```

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

Here you see how a box with a 4 pixel #1D3846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3846; -webkit-box-shadow:4px 4px  
4px 4px #1D3846; box-shadow:4px 4px 4px  
4px #1D3846 }
```

Background

The CSS property to change the background color of an element to Hex 1D3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3846 }
```

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

```
.background{ background-color:#1D3846 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor