

Converting Colors

Hex(1D3F48)

Have a look what the booklet for
Hex(1D3F48) contains.

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Color

Hex(1D3F48)

Conversions

Conversions Part 1

Format	Color
Hex	1D3F48
RGB	29, 63, 72
RGB Percent	11%, 25%, 28%
CMY	0.8863, 0.7529, 0.7176
CMYK	0.60, 0.12, 0.00, 0.72
HSL	193°, 43%, 20%
HSV	193°, 60%, 28%
XYZ	3.4539, 4.2841, 6.7758
YIQ	53.8600, -23.1530, -4.4090

Conversions

Conversions Part 2

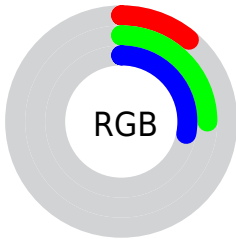
Format	Color
RYB	29, 48, 72
Decimal	1916744
CIELab	24.59, -9.34, -9.27
CIELCh	25, 13.163, 224.794
Yxy	4.2841, 0.2380, 0.2952
Android (android.graphics.Color)	4280106824 (0xFF1D3F48)
YUV	53.8600, 8.9430, -21.8022
Hunter-Lab	20.6981, -6.4352, -4.9206




Details

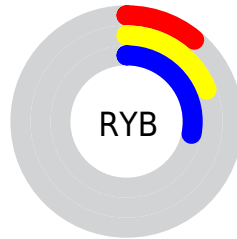
The Hex color **1D3F48** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48261D**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **4D6F78**, and **00151D** is the 20% darker color. If you saturate the color by 10%, you get **163D48**, and if you desaturate by 10%, it is **244148**.

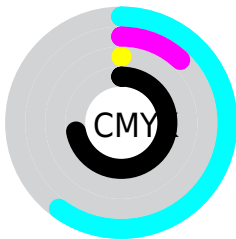
Distribution







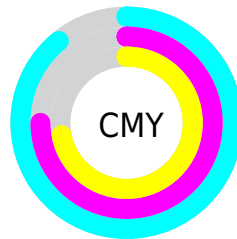
-  Red (11%)
-  Green (25%)
-  Blue (28%)






-  Red (11%)
-  Yellow (19%)
-  Blue (28%)



-  Cyan (60%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (89%)
-  Magenta (75%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3F48 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 1D3F48 by changing the saturation by 10% instead.

■ 1D3F48

■ 1D3F48

FFFFFF

■ 032932

■ 4D6F78

■ 00151D

■ 668892

■ 000000

■ 80A2AD

■ 9ABDC8

■ B6D9E4

■ D1F6FF

■ EEEFFF

■ 1D3F48

■ 1D3F48

■ 163D48

■ 244148

■ 0F3C48

■ 2B4248

■ 073A48

■ 334448

■ 003948

■ 3A4548

■ 414748

■ 484848

■ 4F4A48

■ 574B48

■ 5E4D48

Harmonies

Analogous

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



1D403F



1D3F48



273D4D

Triad

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



1D3F48



4B3440



3C3B27

Complementary

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



1D3F48



48261D

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.



463827



1D3F48



4E3336

Square

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



1D3F48



423648



4C352D



313E2C

Rectangle

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



1D3F48



303B4E



4C352D



403A27

Sweetspot

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



1D3F48



4D5B5E



1D4826



262E30



B0B0B0



303030

Same Dimension

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



1D3F48



1A505E



1D2A48



202324



004F63



00B3E3

Inverse Universe

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



481D3F



5E1A50



483B1D



242023



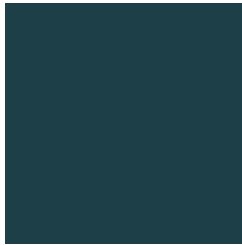
63004F



E300B3

Previews

White Background



This preview shows how the Hex color 1D3F48 looks on a white background.

Color Contrast Check

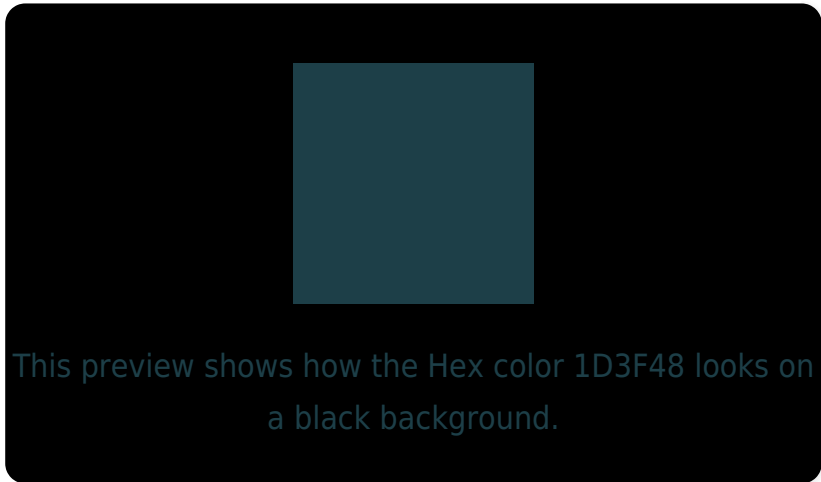
Large Text (above 18pt) WCAG AA ✓ Pass

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

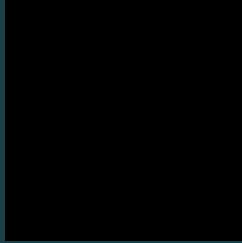
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

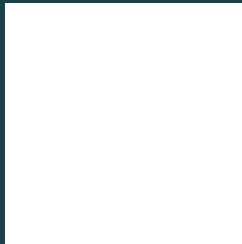
Any Text WCAG AAA × Fail

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

Hex 1D3F48 Background



This preview shows how black text looks on a background with the Hex color 1D3F48.



This preview shows how white text looks on a background with the Hex color 1D3F48.

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
1D3F48

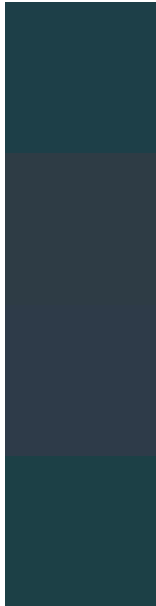
Protanopia
383A44

Deuteranopia
383949



Tritanopia
1C4045

Trichromacy



Original Color
1D3F48

Protanomaly
2E3C45

Deuteranomaly
2E3B49

Tritanomaly
1C4046

Monochromacy



Original Color
1D3F48

Achromatopsia
363636

Achromatomaly
2D393D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3F48 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 #1D3F48 looks like.

```
.text, #text, p{  
    color:#1D3F48  
}
```

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 #1D3F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3F48
}
```

Border

The CSS property to change the border of an element to Hex 1D3F48 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
#1D3F48 }
```

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

```
.border{ border-color:#1D3F48 }
```

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

Here you see how a box with a 4 pixel #1D3F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3F48; -webkit-box-shadow:4px 4px  
4px 4px #1D3F48; box-shadow:4px 4px 4px  
4px #1D3F48 }
```

Background

The CSS property to change the background color of an element to Hex 1D3F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3F48 }
```

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

```
.background{ background-color:#1D3F48 }
```

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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