

# Converting Colors

Hex(1F3D37)

Have a look what the booklet for  
Hex(1F3D37) contains.

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# Color

Hex(1F3D37)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F3D37
RGB	31, 61, 55
RGB Percent	12%, 24%, 22%
CMY	0.8784, 0.7608, 0.7843
CMYK	0.49, 0.00, 0.10, 0.76
HSL	168°, 33%, 18%
HSV	168°, 49%, 24%
XYZ	2.9234, 3.9046, 4.2140
YIQ	51.3460, -15.9540, -8.2260

# Conversions

## Conversions Part 2

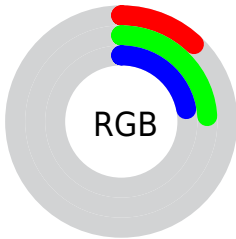
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 48, 61
Decimal	2047287
CIE <sub>Lab</sub>	23.35, -12.97, 0.20
CIE <sub>LCh</sub>	23, 12.971, 179.117
Yxy	3.9046, 0.2648, 0.3536
Android (android.graphics.Color)	4280237367 (0xFF1F3D37)
YUV	51.3460, 1.8014, -17.8434
Hunter-Lab	19.7601, -8.1721, 1.1880

# Details

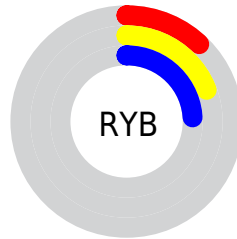
The Hex color **1F3D37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D1F25**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4D6D66**, and **00140B** is the 20% darker color. If you saturate the color by 10%, you get **193D36**, and if you desaturate by 10%, it is **253D38**.

# Distribution



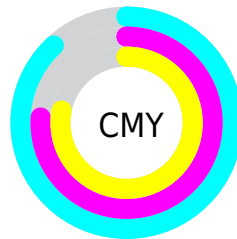
- Red (12%)
- Green (24%)
- Blue (22%)



- Red (12%)
- Yellow (19%)
- Blue (24%)



- Cyan (49%)
- Magenta (0%)
- Yellow (10%)
- Black (76%)



- Cyan (88%)
- Magenta (76%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F3D37 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 1F3D37 by changing the saturation by 10% instead.





1F3D37



1F3D37

FFFFFF



082722



4D6D66



00140B



66867F



000000



7FA099



99BBB3



B4D7CF



D0F3EB



EDFFFF



1F3D37



1F3D37

■ 193D36

■ 253D38

■ 133D35

■ 2B3D39

■ 0D3D33

■ 313D3B

■ 073D32

■ 373D3C

■ 013D31

■ 3D3D3D

■ 003D31

■ 443D3E

■ 4A3D40

■ 503D41

■ 563D42

# Harmonies

## Analogous

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



293C2D



1F3D37



1A3D41

# Triad

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



1F3D37



393549



473427

# Complementary

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



1F3D37



3D1F25

# 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.



4B312F



1F3D37



443242

# Square

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



1F3D37



2B394B



4A3138



3F3724

# Rectangle

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



1F3D37



1C3C46



4A3138



493329



# Sweetspot

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



1F3D37



434F4D



253D1F



212927



A8A8A8



292929



# Same Dimension

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



1F3D37



204F46



1F343D



1C1F1E



005E4B



00DEB1



# Inverse Universe

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



3D1F25



4F202A



3D281F



1F1C1C



5E0013

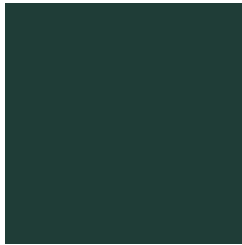


DE002C



# Previews

## White Background



This preview shows how the Hex color 1F3D37 looks on a white background.

## Color Contrast Check

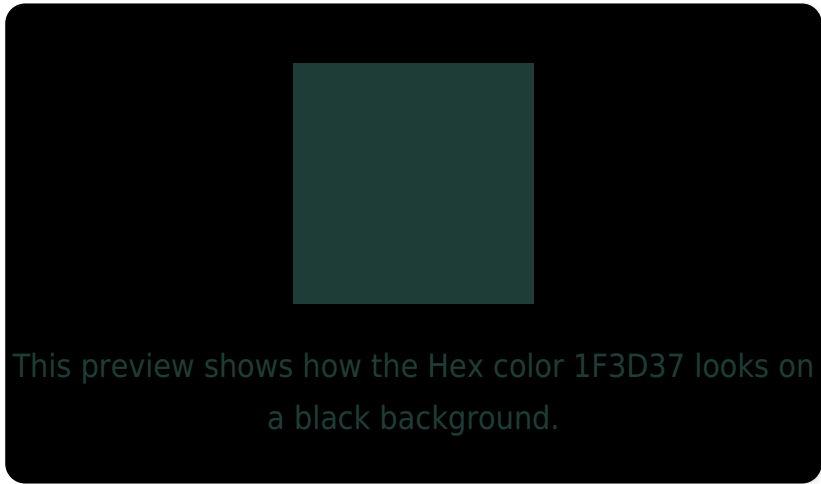
Large Text (above 18pt) WCAG AA ✓ Pass

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

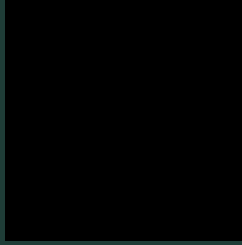
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F3D37 Background



This preview shows how black text looks on a background with the Hex color 1F3D37.



This preview shows how white text looks on a background with the Hex color 1F3D37.

# 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**  
1F3D37

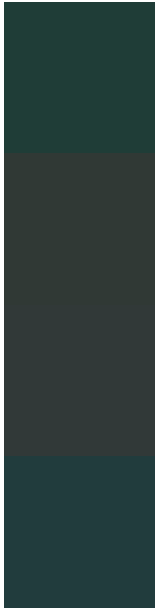
**Protanopia**  
393734

**Deuteranopia**  
3C3639



**Tritanopia**  
223C40

# Trichromacy



**Original Color**  
1F3D37

**Protanomaly**  
303935

**Deuteranomaly**  
313938

**Tritanomaly**  
213C3D

# Monochromacy



**Original Color**  
1F3D37

**Achromatopsia**  
333333

**Achromatomaly**  
2C3734

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F3D37 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 #1F3D37 looks like.

```
.text, #text, p{  
    color:#1F3D37  
}
```

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 #1F3D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3D37
}
```

## Border

The CSS property to change the border of an element to Hex 1F3D37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

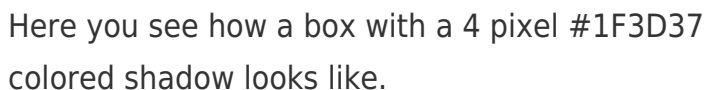
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F3D37 }
```

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

```
.border{ border-color:#1F3D37 }
```

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



Here you see how a box with a 4 pixel #1F3D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3D37; -webkit-box-shadow:4px 4px  
4px 4px #1F3D37; box-shadow:4px 4px 4px  
4px #1F3D37 }
```

# Background

The CSS property to change the background color of an element to Hex 1F3D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3D37 }
```

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

```
.background{ background-color:#1F3D37 }
```

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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