

Converting Colors

Hex(1F133D)

Have a look what the booklet for
Hex(1F133D) contains.

Hex(1F133D)	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(1F133D)

Conversions

Conversions Part 1

Format	Color
Hex	1F133D
RGB	31, 19, 61
RGB Percent	12%, 7%, 24%
CMY	0.8784, 0.9255, 0.7608
CMYK	0.49, 0.69, 0.00, 0.76
HSL	257°, 53%, 16%
HSV	257°, 69%, 24%
XYZ	1.6403, 1.0940, 4.5396
YIQ	27.3760, -6.3300, 15.6060

Conversions

Conversions Part 2

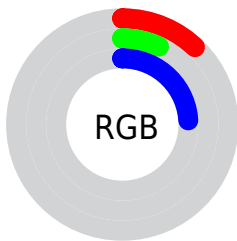
Format	Color
RYB	31, 19, 61
Decimal	2036541
CIELab	9.75, 18.21, -24.95
CIELCh	10, 30.893, 306.128
Yxy	1.0940, 0.2255, 0.1504
Android (android.graphics.Color)	4280226621 (0xFF1F133D)
YUV	27.3760, 16.5766, 3.1782
Hunter-Lab	10.4593, 9.6889, -18.4117

Details

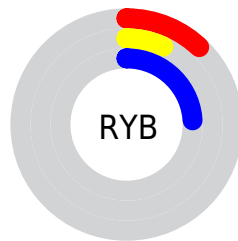
The Hex color **1F133D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **313D13**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4E3E6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **1B0D3D**, and if you desaturate by 10%, it is **23193D**.

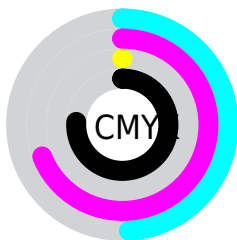
Distribution



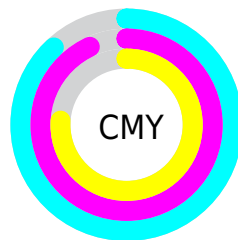
- Red (12%)
- Green (7%)
- Blue (24%)



- Red (12%)
- Yellow (7%)
- Blue (24%)



- Cyan (49%)
- Magenta (69%)
- Yellow (0%)
- Black (76%)



- Cyan (88%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F133D 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 1F133D by changing the saturation by 10% instead.

■ 1F133D

■ 1F133D

■ FFF4FF

■ 0D0027

■ 4E3E6D

■ 000110

■ 675586

■ 000000

■ 806DA1

■ 9B87BC

■ B6A1D8

■ D2BCF4

■ EED8FF

■ 1F133D

■ 1F133D

■ 1B0D3D

■ 23193D

■ 16073D

■ 281F3D

■ 12013D

■ 2C253D

■ 11003D

■ 302B3D

■ 35313D

■ 39383D

■ 3D3E3D

■ 42443D

■ 464A3D

Harmonies

Analogous

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



001C45



1F133D



36062C

Triad

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



1F133D



301300



00251F

Complementary

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



1F133D



313D13

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.



002404



1F133D



1F1C00

Square

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



1F133D



3C0700



072100



002433

Rectangle

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



1F133D



3D001F



072100



002517

Sweetspot

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



1F133D



433E4F



13313D



221F29



A8A8A8



292929

Same Dimension

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



1F133D



200D4F



34133D



1C1C1F



1B005E



3F00DE

Inverse Universe

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



3D1331



4F0D3C



1C3D13



1F1C1E



5E0043



DE009E

Previews

White Background



This preview shows how the Hex color 1F133D looks on a white background.

Color Contrast Check

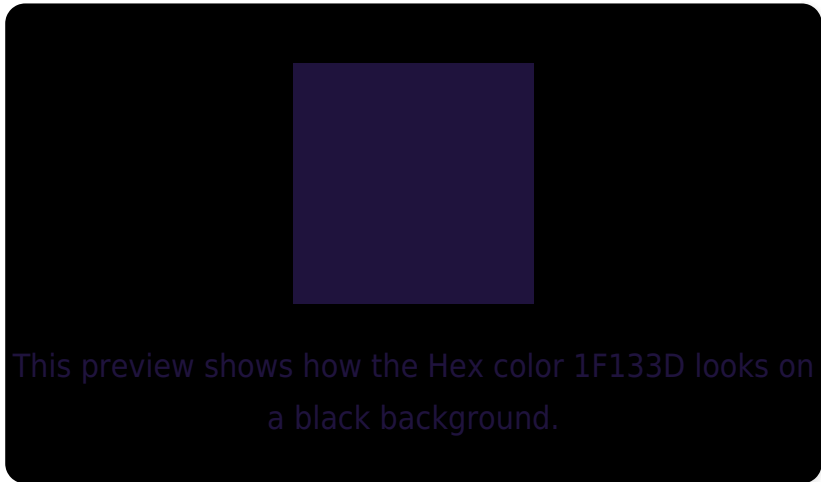
Large Text (above 18pt) WCAG AA ✓ Pass

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

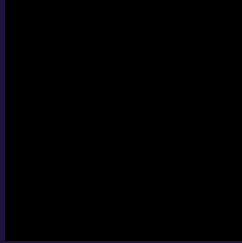
Any Text WCAG AA × Fail

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 1F133D Background



This preview shows how black text looks on a background with the Hex color 1F133D.



This preview shows how white text looks on a background with the Hex color 1F133D.

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
1F133D

Protanopia
001B39

Deuteranopia
001C31



Tritanopia
161D1F

Trichromacy



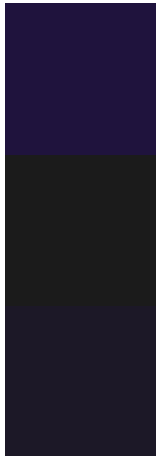
Original Color
1F133D

Protanomaly
0B183A

Deuteranomaly
0B1935

Tritanomaly
19192A

Monochromacy



Original Color
1F133D

Achromatopsia
1B1B1B

Achromatomaly
1C1827

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F133D 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 #1F133D looks like.

```
.text, #text, p{  
    color:#1F133D  
}
```

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 #1F133D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F133D
}
```

Border

The CSS property to change the border of an element to Hex 1F133D 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
#1F133D }
```

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

```
.border{ border-color:#1F133D }
```

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

Here you see how a box with a 4 pixel #1F133D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F133D; -webkit-box-shadow:4px 4px  
4px 4px #1F133D; box-shadow:4px 4px 4px  
4px #1F133D }
```

Background

The CSS property to change the background color of an element to Hex 1F133D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F133D }
```

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

```
.background{ background-color:#1F133D }
```

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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