

Converting Colors

Hex(1F0331)

Have a look what the booklet for
Hex(1F0331) contains.

Hex(1F0331)	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(1F0331)

Conversions

Conversions Part 1

Format	Color
Hex	1F0331
RGB	31, 3, 49
RGB Percent	12%, 1%, 19%
CMY	0.8784, 0.9882, 0.8078
CMYK	0.37, 0.94, 0.00, 0.81
HSL	277°, 88%, 10%
HSV	277°, 94%, 19%
XYZ	1.1520, 0.5782, 2.9566
YIQ	16.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

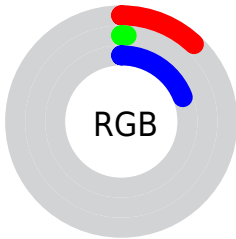
Format	Color
R_{YB}	31, 3, 49
Decimal	2032433
CIE Lab	5.22, 23.38, -23.52
CIE LCh	5, 33.163, 314.821
Yxy	0.5782, 0.2458, 0.1234
Android (android.graphics.Color)	4280222513 (0xFF1F0331)
YUV	16.6160, 15.9653, 12.6148
Hunter-Lab	7.6038, 13.7368, -17.7312

Details

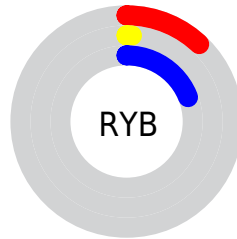
The Hex color **1F0331** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **153103**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4D3060**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E0031**, and if you desaturate by 10%, it is **210831**.

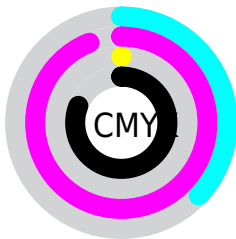
Distribution



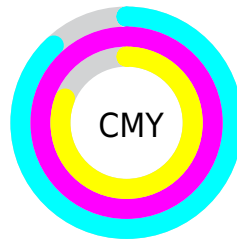
- Red (12%)
- Green (1%)
- Blue (19%)



- Red (12%)
- Yellow (1%)
- Blue (19%)



- Cyan (37%)
- Magenta (94%)
- Yellow (0%)
- Black (81%)



- Cyan (88%)
- Magenta (99%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0331 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 1F0331 by changing the saturation by 10% instead.

 1F0331

 1F0331

 FFE4FF

 00001C

 4D3060

 000000

 654779

 7F5F92

 9978AD

 B491C9

 D0ACE5

 EDC8FF

 1F0331

 1F0331

■ 1E0031

■ 210831

■ 230D31

■ 251231

■ 271731

■ 291C31

■ 2B2031

■ 2C2531

■ 2E2A31

■ 302F31

Harmonies

Analogous

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



00103C



1F0331



31001E

Triad

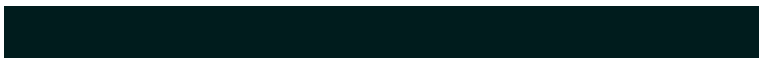
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F0331



220B00



001C1D

Complementary

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



1F0331



153103

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.



001B00



1F0331



071500

Square

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



1F0331



2F0000



001B00



001D30

Rectangle

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



1F0331



36000E



001B00



001B15

Sweetspot

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



1F0331



392E40



031531



1D1621



A1A1A1



212121

Same Dimension

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



1F0331



270040



31032C



19171A



360059



8400D9

Inverse Universe

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



310315



400019



033108



1A1718



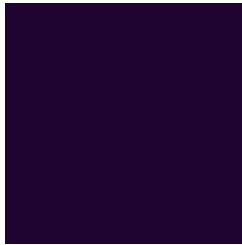
590023



D90055

Previews

White Background



This preview shows how the Hex color 1F0331 looks on a white background.

Color Contrast Check

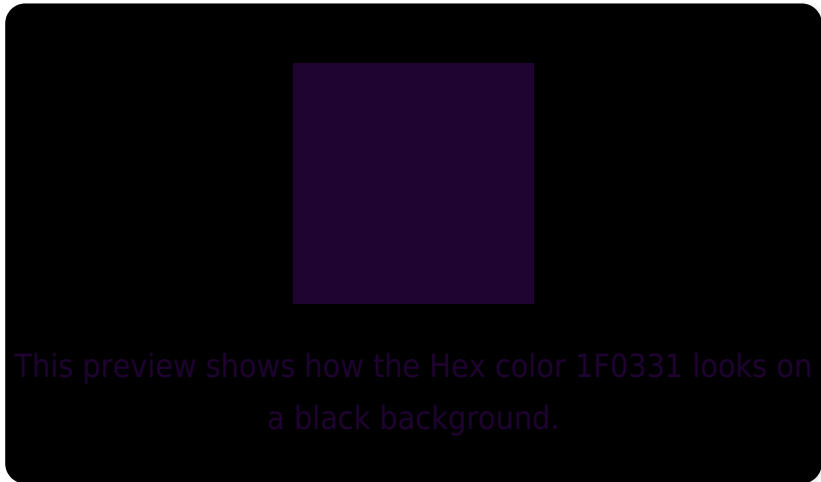
Large Text (above 18pt) WCAG AA ✓ Pass

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

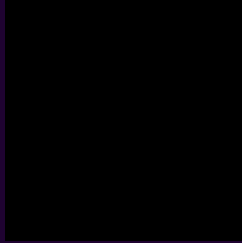
Any Text WCAG AA × Fail

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 1F0331 Background



This preview shows how black text looks on a background with the Hex color 1F0331.



This preview shows how white text looks on a background with the Hex color 1F0331.

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
1F0331

Protanopia
00142B

Deuteranopia
001625



Tritanopia
191315

Trichromacy



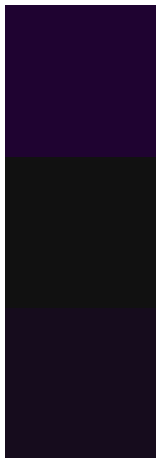
Original Color
1F0331

Protanomaly
0B0E2D

Deuteranomaly
0B0F29

Tritanomaly
1B0D1F

Monochromacy



Original Color
1F0331

Achromatopsia
111111

Achromatomaly
160C1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0331 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 #1F0331 looks like.

```
.text, #text, p{  
    color:#1F0331  
}
```

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 #1F0331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0331
}
```

Border

The CSS property to change the border of an element to Hex 1F0331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

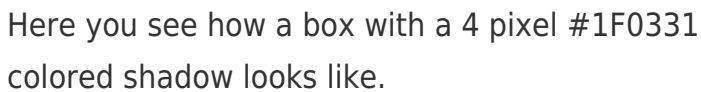
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F0331 }
```

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

```
.border{ border-color:#1F0331 }
```

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



Here you see how a box with a 4 pixel #1F0331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0331; -webkit-box-shadow:4px 4px  
4px 4px #1F0331; box-shadow:4px 4px 4px  
4px #1F0331 }
```

Background

The CSS property to change the background color of an element to Hex 1F0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0331 }
```

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

```
.background{ background-color:#1F0331 }
```

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