

Converting Colors

Hex(1F0C31)

Have a look what the booklet for
Hex(1F0C31) contains.

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Color

Hex(1F0C31)

Conversions

Conversions Part 1

Format	Color
Hex	1F0C31
RGB	31, 12, 49
RGB Percent	12%, 5%, 19%
CMY	0.8784, 0.9529, 0.8078
CMYK	0.37, 0.76, 0.00, 0.81
HSL	271°, 61%, 12%
HSV	271°, 76%, 19%
XYZ	1.2509, 0.7760, 2.9896
YIQ	21.8990, -0.5530, 15.5350

Conversions

Conversions Part 2

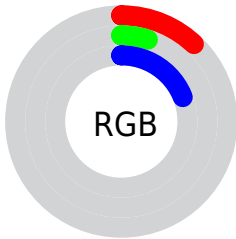
Format	Color
R_{YB}	31, 12, 49
Decimal	2034737
CIE Lab	7.01, 18.87, -20.66
CIE LCh	7, 27.985, 312.403
Yxy	0.7760, 0.2494, 0.1547
Android (android.graphics.Color)	4280224817 (0xFF1F0C31)
YUV	21.8990, 13.3608, 7.9816
Hunter-Lab	8.8091, 9.9317, -13.9552

Details

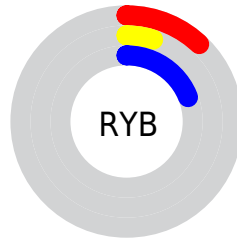
The Hex color **1F0C31** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1E310C**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **4D3760**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0731**, and if you desaturate by 10%, it is **211131**.

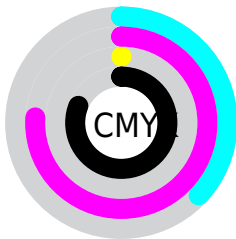
Distribution



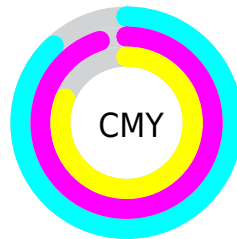
- Red (12%)
- Green (5%)
- Blue (19%)



- Red (12%)
- Yellow (5%)
- Blue (19%)



- Cyan (37%)
- Magenta (76%)
- Yellow (0%)
- Black (81%)



- Cyan (88%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0C31 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 1F0C31 by changing the saturation by 10% instead.

■ 1F0C31

■ 1F0C31

■ FFECFF

■ 00001C

■ 4D3760

■ 000000

■ 654E78

■ 7F6692

■ 997FAD

■ B499C8

■ D0B4E4

■ ECCFFF

■ 1F0C31

■ 1F0C31

■ 1D0731

■ 211131

■ 1A0231

■ 241631

■ 190031

■ 261B31

■ 292031

■ 2B2531

■ 2D2931

■ 302E31

■ 323331

■ 343831

Harmonies

Analogous

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



00153A



1F0C31



300221

Triad

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



1F0C31



251000



00201D

Complementary

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



1F0C31



1E310C

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.



001F04



1F0C31



141700

Square

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



1F0C31



310600



001C00



001F2E

Rectangle

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



1F0C31



340015



001C00



002016

Sweetspot

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



1F0C31



393140



0C1F31



1D1821



A1A1A1



212121

Same Dimension

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



1F0C31



240640



310C31



18171A



2E0059



6F00D9

Inverse Universe

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



310C1E



400622



0C310C



1A1718



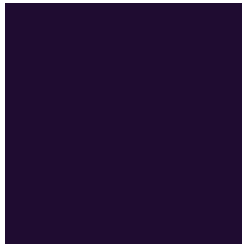
59002B



D90069

Previews

White Background



This preview shows how the Hex color 1F0C31 looks on a white background.

Color Contrast Check

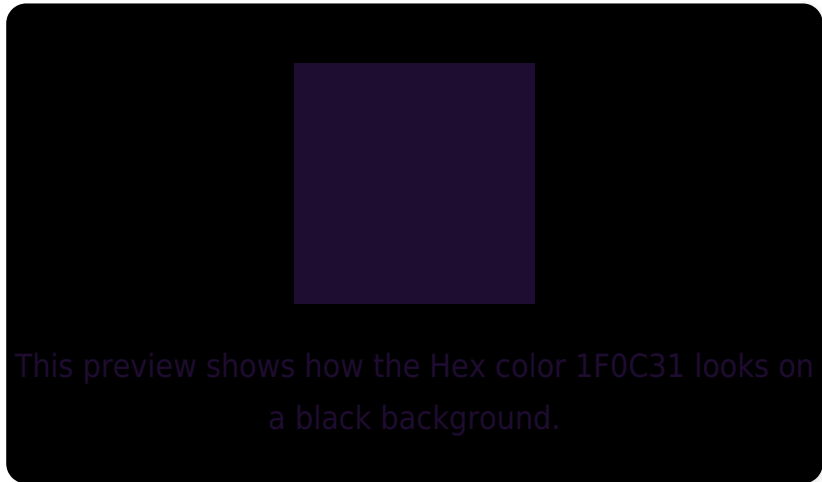
Large Text (above 18pt) WCAG AA ✓ Pass

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

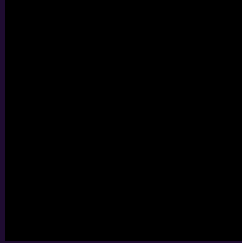
Any Text WCAG AA × Fail

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 1F0C31 Background



This preview shows how black text looks on a background with the Hex color 1F0C31.



This preview shows how white text looks on a background with the Hex color 1F0C31.

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
1F0C31

Protanopia
00162E

Deuteranopia
001728



Tritanopia
1A1617

Trichromacy



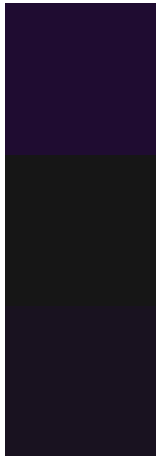
Original Color
1F0C31

Protanomaly
0B122F

Deuteranomaly
0B132B

Tritanomaly
1C1220

Monochromacy



Original Color
1F0C31

Achromatopsia
161616

Achromatomaly
191220

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0C31 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 #1F0C31 looks like.

```
.text, #text, p{  
    color:#1F0C31  
}
```

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 #1F0C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0C31
}
```

Border

The CSS property to change the border of an element to Hex 1F0C31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

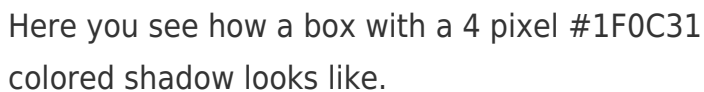
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F0C31 }
```

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

```
.border{ border-color:#1F0C31 }
```

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



Here you see how a box with a 4 pixel #1F0C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0C31; -webkit-box-shadow:4px 4px  
4px 4px #1F0C31; box-shadow:4px 4px 4px  
4px #1F0C31 }
```

Background

The CSS property to change the background color of an element to Hex 1F0C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0C31 }
```

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

```
.background{ background-color:#1F0C31 }
```

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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