

Converting Colors

Hex(1F0A31)

Have a look what the booklet for
Hex(1F0A31) contains.

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Color

Hex(1F0A31)

Conversions

Conversions Part 1

Format	Color
Hex	1F0A31
RGB	31, 10, 49
RGB Percent	12%, 4%, 19%
CMY	0.8784, 0.9608, 0.8078
CMYK	0.37, 0.80, 0.00, 0.81
HSL	272°, 66%, 12%
HSV	272°, 80%, 19%
XYZ	1.2280, 0.7301, 2.9819
YIQ	20.7250, -0.0030, 16.5810

Conversions

Conversions Part 2

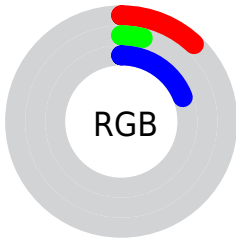
Format	Color
RYB	31, 10, 49
Decimal	2034225
CIELab	6.60, 19.93, -21.33
CIELCh	7, 29.191, 313.061
Yxy	0.7301, 0.2486, 0.1478
Android (android.graphics.Color)	4280224305 (0xFF1F0A31)
YUV	20.7250, 13.9396, 9.0112
Hunter-Lab	8.5448, 10.6991, -14.7094

Details

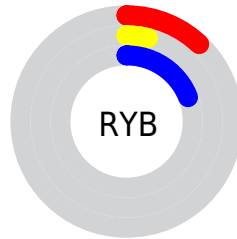
The Hex color **1F0A31** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1C310A**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **4D3560**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0531**, and if you desaturate by 10%, it is **210F31**.

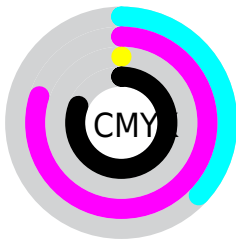
Distribution



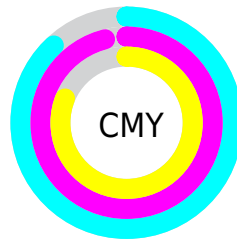
- Red (12%)
- Green (4%)
- Blue (19%)



- Red (12%)
- Yellow (4%)
- Blue (19%)



- Cyan (37%)
- Magenta (80%)
- Yellow (0%)
- Black (81%)



- Cyan (88%)
- Magenta (96%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0A31 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 1F0A31 by changing the saturation by 10% instead.

 1F0A31

 1F0A31

 FFEAFF

 00001C

 4D3560

 000000

 654C78

 7F6492

 997DAD

 B497C8

 D0B2E5

 ECCEFF

 1F0A31

 1F0A31

■ 1D0531

■ 210F31

■ 1A0031

■ 241431

■ 261931

■ 281E31

■ 2A2331

■ 2D2731

■ 2F2C31

■ 313131

■ 333631

Harmonies

Analogous

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



00143B



1F0A31



300020

Triad

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



1F0A31



240F00



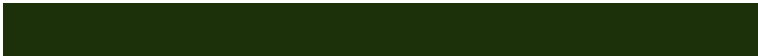
00201D

Complementary

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



1F0A31



1C310A

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.



001F02



1F0A31



121700

Square

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



1F0A31



300500



001C00



001E2F

Rectangle

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



1F0A31



350013



001C00



002016

Sweetspot

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



1F0A31



393040



0A1C31



1D1821



A1A1A1



212121

Same Dimension

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



1F0A31



240340



310A30



18171A



300059



7500D9

Inverse Universe

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



310A1C



40031F



0A310B



1A1718



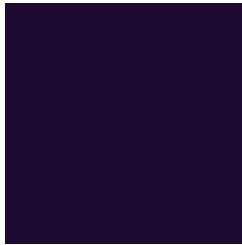
590029



D90064

Previews

White Background



This preview shows how the Hex color 1F0A31 looks on a white background.

Color Contrast Check

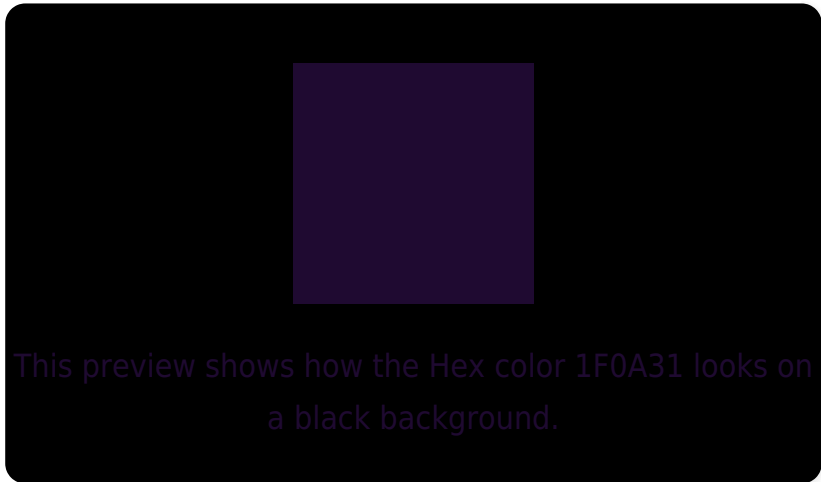
Large Text (above 18pt) WCAG AA ✓ Pass

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

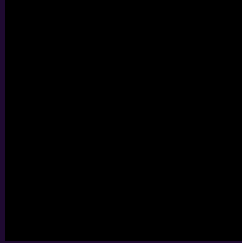
Any Text WCAG AA × Fail

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 1F0A31 Background



This preview shows how black text looks on a background with the Hex color 1F0A31.



This preview shows how white text looks on a background with the Hex color 1F0A31.

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
1F0A31

Deuteranopia
001727

Tritanopia
1A1516

Trichromacy

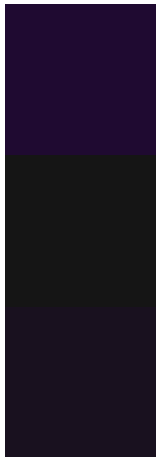


Original Color
1F0A31

Deuteranomaly
0B122B

Tritanomaly
1C1120

Monochromacy



Original Color
1F0A31

Achromatopsia
151515

Achromatomaly
19111F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0A31 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 #1F0A31 looks like.

```
.text, #text, p{  
    color:#1F0A31  
}
```

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 #1F0A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0A31
}
```

Border

The CSS property to change the border of an element to Hex 1F0A31 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
#1F0A31 }
```

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

```
.border{ border-color:#1F0A31 }
```

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

Here you see how a box with a 4 pixel #1F0A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0A31; -webkit-box-shadow:4px 4px  
4px 4px #1F0A31; box-shadow:4px 4px 4px  
4px #1F0A31 }
```

Background

The CSS property to change the background color of an element to Hex 1F0A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0A31 }
```

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

```
.background{ background-color:#1F0A31 }
```

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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