

Converting Colors

Hex(1F0A13)

Have a look what the booklet for
Hex(1F0A13) contains.

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Color

Hex(1F0A13)

Conversions

Conversions Part 1

Format	Color
Hex	1F0A13
RGB	31, 10, 19
RGB Percent	12%, 4%, 7%
CMY	0.8784, 0.9608, 0.9255
CMYK	0.00, 0.68, 0.39, 0.88
HSL	334°, 51%, 8%
HSV	334°, 68%, 12%
XYZ	0.7912, 0.5554, 0.6816
YIQ	17.3050, 9.6270, 7.2510

Conversions

Conversions Part 2

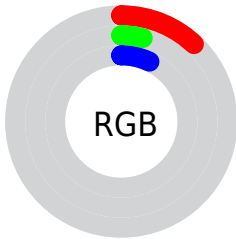
Format	Color
RYB	31, 10, 19
Decimal	2034195
CIELab	5.02, 10.78, -1.10
CIElCh	5, 10.840, 354.180
Yxy	0.5554, 0.3901, 0.2738
Android (android.graphics.Color)	4280224275 (0xFF1F0A13)
YUV	17.3050, 0.8356, 12.0105
Hunter-Lab	7.4526, 5.9075, -0.2058

Details

The Hex color **1F0A13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A1F16**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **4B363D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F0711**, and if you desaturate by 10%, it is **1F0D15**.

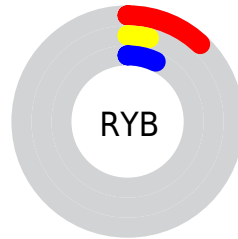
Distribution



Red (12%)

Green (4%)

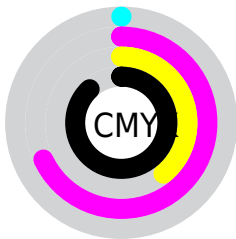
Blue (7%)



Red (12%)

Yellow (4%)

Blue (7%)

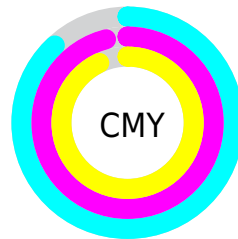


Cyan (0%)

Magenta (68%)

Yellow (39%)

Black (88%)



Cyan (88%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0A13 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 1F0A13 by changing the saturation by 10% instead.

■ 1F0A13

■ 1F0A13

■ FFEAF3

■ 000000

■ 4B363D

■ 634C54

■ 7C646D

■ 967D86

■ B097A0

■ CCB2BB

■ E8CED7

■ 1F0A13

■ 1F0A13

■ 1F0711

■ 1F0D15

■ 1F040F

■ 1F1017

■ 1F010E

■ 1F1318

■ 1F000D

■ 1F161A

■ 1F1A1C

■ 1F1D1E

■ 1F201F

■ 1F2321

■ 1F2623

Harmonies

Analogous

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



1A0C1A



1F0A13



210A08

Triad

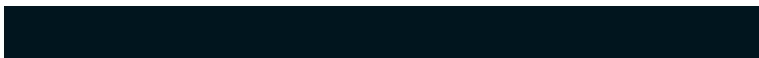
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F0A13



101300



00151D

Complementary

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



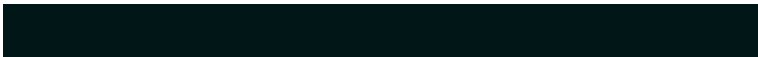
1F0A13



0A1F16

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.



001617



1F0A13



031502

Square

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



1F0A13



191000



00160F



021220

Rectangle

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



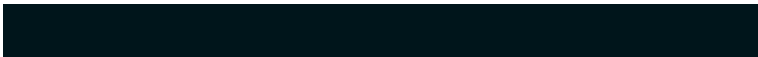
1F0A13



200B00



00160F



00151B

Sweetspot

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



1F0A13



292124



160A1F



141012



949494



141414

Same Dimension

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



1F0A13



290816



1F0B0A



0F0E0E



4F0022



CF0059

Inverse Universe

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



1F0A13



290816



0A1E1F



0F0E0E



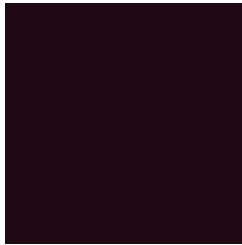
4F0022



CF0059

Previews

White Background



This preview shows how the Hex color 1F0A13 looks on a white background.

Color Contrast Check

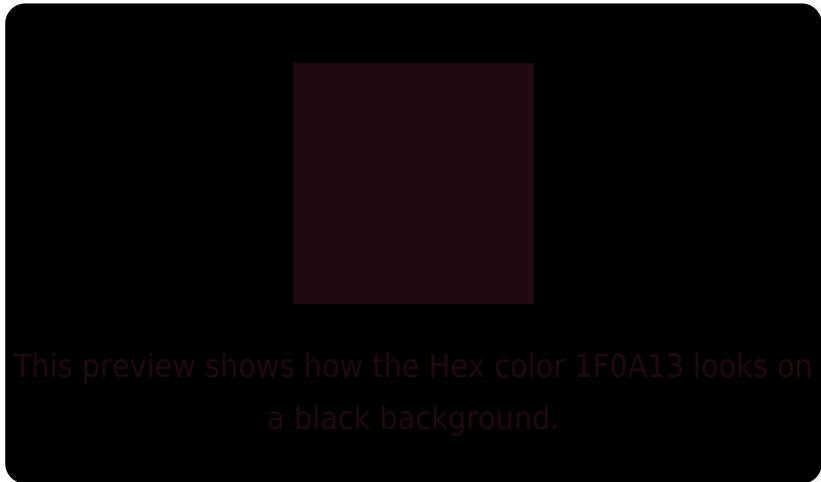
Large Text (above 18pt) WCAG AA ✓ Pass

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

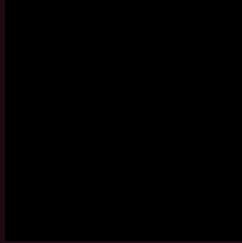
Any Text WCAG AA × Fail

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 1F0A13 Background



This preview shows how black text looks on a background with the Hex color 1F0A13.



This preview shows how white text looks on a background with the Hex color 1F0A13.

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

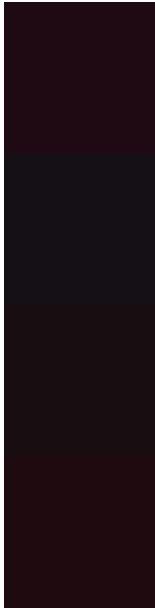


Original Color
1F0A13

Protanopia
101218

Deuteranopia
141112

Trichromacy



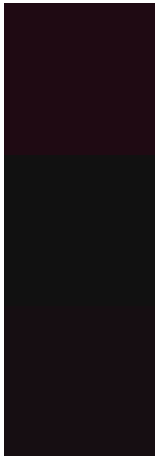
Original Color
1F0A13

Protanomaly
150F16

Deuteranomaly
180E12

Tritanomaly
1F0B0F

Monochromacy



Original Color
1F0A13

Achromatopsia
111111

Achromatomaly
160E12

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0A13 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 #1F0A13 looks like.

```
.text, #text, p{  
    color:#1F0A13  
}
```

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 #1F0A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0A13
}
```

Border

The CSS property to change the border of an element to Hex 1F0A13 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
#1F0A13 }
```

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

```
.border{ border-color:#1F0A13 }
```

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

Here you see how a box with a 4 pixel #1F0A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0A13; -webkit-box-shadow:4px 4px  
4px 4px #1F0A13; box-shadow:4px 4px 4px  
4px #1F0A13 }
```

Background

The CSS property to change the background color of an element to Hex 1F0A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0A13 }
```

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

```
.background{ background-color:#1F0A13 }
```

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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