

Converting Colors

Hex(190021)

Have a look what the booklet for
Hex(190021) contains.

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Color

Hex(190021)

Conversions

Conversions Part 1

Format	Color
Hex	190021
RGB	25, 0, 33
RGB Percent	10%, 0%, 13%
CMY	0.9020, 1.0000, 0.8706
CMYK	0.24, 1.00, 0.00, 0.87
HSL	285°, 100%, 6%
HSV	285°, 100%, 13%
XYZ	0.6754, 0.3165, 1.4643
YIQ	11.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

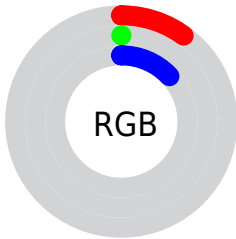
Format	Color
RYB	25, 0, 33
Decimal	1638433
CIELab	2.86, 15.35, -15.05
CIElCh	3, 21.492, 315.564
Yxy	0.3165, 0.2750, 0.1288
Android (android.graphics.Color)	4279828513 (0xFF190021)
YUV	11.2370, 10.7292, 12.0702
Hunter-Lab	5.6256, 11.5859, -11.4950

Details

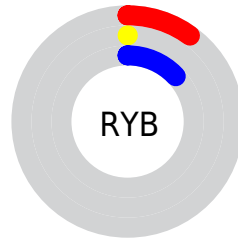
The Hex color **190021** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **082100**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **432F4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **190021**, and if you desaturate by 10%, it is **1A0321**.

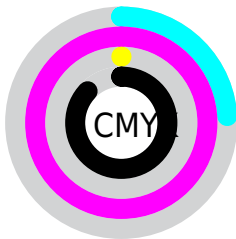
Distribution



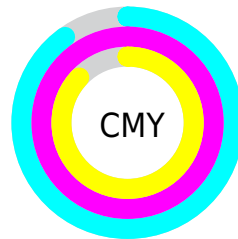
- Red (10%)
- Green (0%)
- Blue (13%)



- Red (10%)
- Yellow (0%)
- Blue (13%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (87%)



- Cyan (90%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 190021 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 190021 by changing the saturation by 10% instead.

 190021

 190021

 FBE2FF

 000007

 432F4D

 000000

 5A4665

 735D7E

 8D7698

 A790B3

 C3AACE

 DFC6EB

 190021

■ 1A0321

■ 1B0721

■ 1B0A21

■ 1C0D21

■ 1D1121

■ 1E1421

■ 1F1721

■ 1F1A21

■ 201E21

Harmonies

Analogous

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



000828



190021



240015

Triad

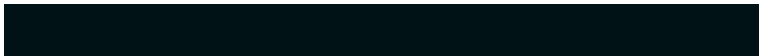
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190021



180600



001215

Complementary

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



190021



082100

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.



001200



190021



010E00

Square

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



190021



230000



001200



001321

Rectangle

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



190021



280006



001200



00120E

Sweetspot

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



190021



281E2B



000821



150F17



969696



171717

Same Dimension

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



190021



21002B



210019



0F0E0F



3C004F



9C00CF

Inverse Universe

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



210008



2B000B



002108



0F0E0E



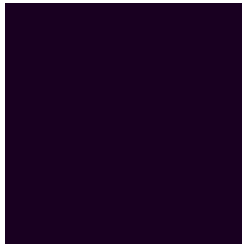
4F0013



CF0032

Previews

White Background



This preview shows how the Hex color 190021 looks on a white background.

Color Contrast Check

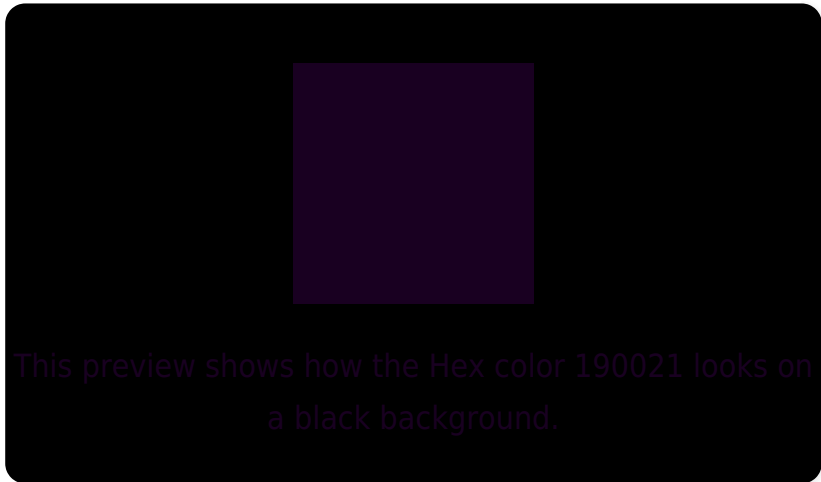
Large Text (above 18pt) WCAG AA ✓ Pass

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

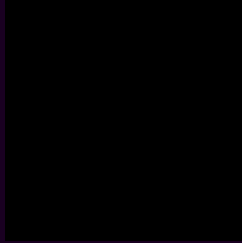
Any Text WCAG AA × Fail

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 190021 Background



This preview shows how black text looks on a background with the Hex color 190021.



This preview shows how white text looks on a background with the Hex color 190021.

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
190021

Protanopia
000F20

Deuteranopia
00101C



Tritanopia
160D0E

Trichromacy



Original Color
190021

Protanomaly
090A20

Deuteranomaly
090A1E

Tritanomaly
170815

Monochromacy



Original Color
190021

Achromatopsia
0B0B0B

Achromatomaly
100713

CSS Examples

Text

The CSS property to change the color of the text to Hex 190021 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 #190021 looks like.

```
.text, #text, p{  
    color:#190021  
}
```

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 #190021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #190021
}
```

Border

The CSS property to change the border of an element to Hex 190021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

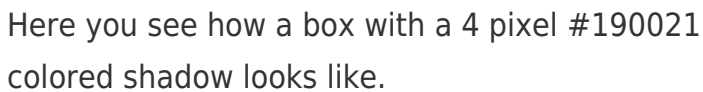
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#190021 }
```

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

```
.border{ border-color:#190021 }
```

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



Here you see how a box with a 4 pixel #190021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #190021; -webkit-box-shadow:4px 4px  
4px 4px #190021; box-shadow:4px 4px 4px  
4px #190021 }
```

Background

The CSS property to change the background color of an element to Hex 190021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#190021 }
```

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

```
.background{ background-color:#190021 }
```

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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