

# Converting Colors

Hex(190F21)

Have a look what the booklet for  
Hex(190F21) contains.

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# Color

**Hex(190F21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	190F21
RGB	25, 15, 33
RGB Percent	10%, 6%, 13%
CMY	0.9020, 0.9412, 0.8706
CMYK	0.24, 0.55, 0.00, 0.87
HSL	273°, 38%, 9%
HSV	273°, 55%, 13%
XYZ	0.8462, 0.6581, 1.5213
YIQ	20.0420, 0.1820, 7.7180

# Conversions

## Conversions Part 2

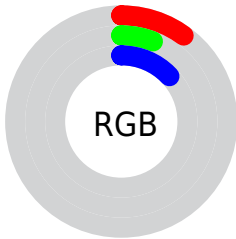
Format	Color
<b>RYB</b>	25, 15, 33
Decimal	1642273
CIELab	5.94, 9.04, -10.33
CIElCh	6, 13.731, 311.181
Yxy	0.6581, 0.2797, 0.2175
Android (android.graphics.Color)	4279832353 (0xFF190F21)
YUV	20.0420, 6.3883, 4.3482
Hunter-Lab	8.1125, 4.4230, -5.4394

# Details

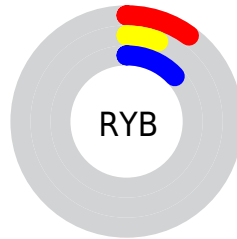
The Hex color **190F21** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17210F**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **44394D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180C21**, and if you desaturate by 10%, it is **1A1221**.

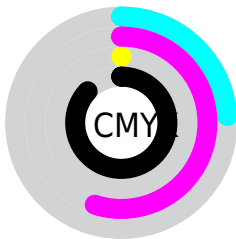
# Distribution



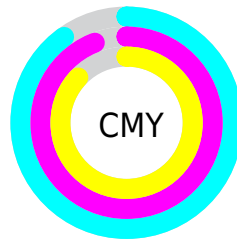
- Red (10%)
- Green (6%)
- Blue (13%)



- Red (10%)
- Yellow (6%)
- Blue (13%)



- Cyan (24%)
- Magenta (55%)
- Yellow (0%)
- Black (87%)



- Cyan (90%)
- Magenta (94%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 190F21 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 190F21 by changing the saturation by 10% instead.



■ 190F21

■ 190F21

■ FCEEFF

■ 000008

■ 44394D

■ 000000

■ 5B5065

■ 74687E

■ 8E8298

■ A89CB3

■ C4B6CE

■ DFD2EB

■ 190F21

■ 190F21

■ 180C21

■ 1A1221

■ 160821

■ 1C1621

■ 150521

■ 1D1921

■ 130221

■ 1F1C21

■ 120021

■ 202021

■ 222321

■ 232621

■ 252921

■ 262D21

# Harmonies

## Analogous

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



0A1325



190F21



210C1A

# Triad

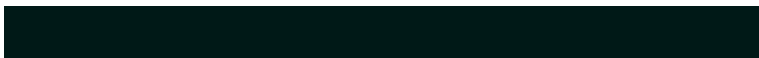
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190F21



1F1000



001917

# Complementary

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



190F21



17210F

# 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.



00190A



190F21



161400

# Square

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



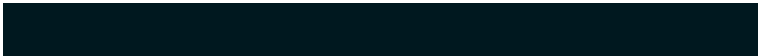
190F21



240D00



0A1700



00181F

# Rectangle

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



190F21



240B13



0A1700



001913



# Sweetspot

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



190F21



28242B



0F1721



151317



969696



171717



# Same Dimension

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



190F21



1F0F2B



210F20



0F0E0F



2C004F



7300CF



# Inverse Universe

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



210F17



2B0F1C



0F2110



0F0E0E



4F0023



CF005C



# Previews

## White Background



This preview shows how the Hex color 190F21 looks on a white background.

## Color Contrast Check

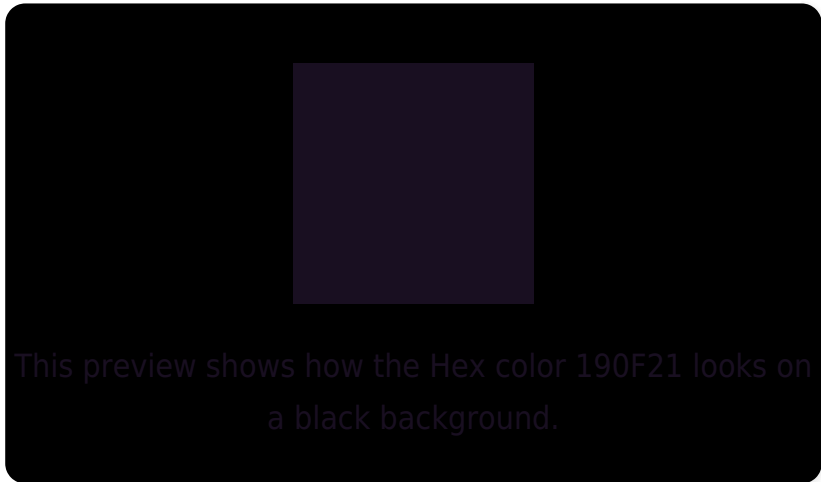
Large Text (above 18pt) WCAG AA ✓ Pass

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

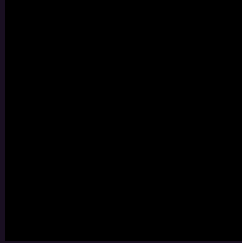
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 190F21 Background



This preview shows how black text looks on a background with the Hex color 190F21.



This preview shows how white text looks on a background with the Hex color 190F21.

# 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**  
190F21

**Protanopia**  
0A1325

**Deuteranopia**  
0C1420



**Tritanopia**  
171214

# Trichromacy



**Original Color**

190F21

**Protanomaly**

0F1224

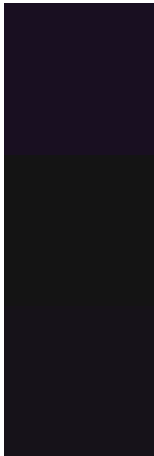
**Deuteranomaly**

111220

**Tritanomaly**

181119

# Monochromacy



**Original Color**

190F21

**Achromatopsia**

141414

**Achromatomaly**

161219

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 190F21 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 #190F21 looks like.

```
.text, #text, p{  
    color:#190F21  
}
```

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 #190F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #190F21  
}
```

## Border

The CSS property to change the border of an element to Hex 190F21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

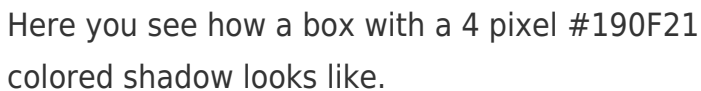
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#190F21 }
```

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

```
.border{ border-color:#190F21 }
```

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



Here you see how a box with a 4 pixel #190F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #190F21; -webkit-box-shadow:4px 4px  
4px 4px #190F21; box-shadow:4px 4px 4px  
4px #190F21 }
```

# Background

The CSS property to change the background color of an element to Hex 190F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#190F21 }
```

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

```
.background{ background-color:#190F21 }
```

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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