

Converting Colors

Hex(190F31)

Have a look what the booklet for
Hex(190F31) contains.

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Color

Hex(190F31)

Conversions

Conversions Part 1

Format	Color
Hex	190F31
RGB	25, 15, 49
RGB Percent	10%, 6%, 19%
CMY	0.9020, 0.9412, 0.8078
CMYK	0.49, 0.69, 0.00, 0.81
HSL	258°, 53%, 13%
HSV	258°, 69%, 19%
XYZ	1.1261, 0.7701, 2.9950
YIQ	21.8660, -4.9540, 12.6940

Conversions

Conversions Part 2

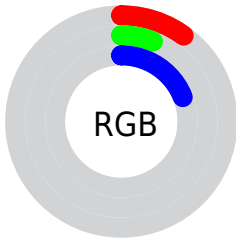
Format	Color
RYB	25, 15, 49
Decimal	1642289
CIELab	6.96, 15.04, -20.79
CIELCh	7, 25.661, 305.873
Yxy	0.7701, 0.2302, 0.1574
Android (android.graphics.Color)	4279832369 (0xFF190F31)
YUV	21.8660, 13.3771, 2.7485
Hunter-Lab	8.7754, 7.5492, -14.0928

Details

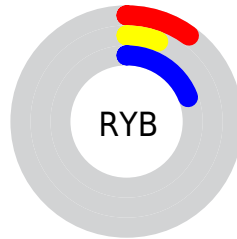
The Hex color **190F31** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **27310F**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **463960**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160A31**, and if you desaturate by 10%, it is **1C1431**.

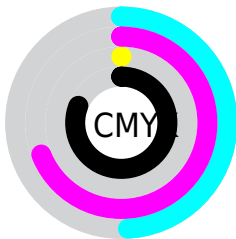
Distribution



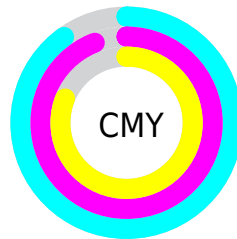
- Red (10%)
- Green (6%)
- Blue (19%)



- Red (10%)
- Yellow (6%)
- Blue (19%)



- Cyan (49%)
- Magenta (69%)
- Yellow (0%)
- Black (81%)



- Cyan (90%)
- Magenta (94%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 190F31 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 190F31 by changing the saturation by 10% instead.

 190F31

 190F31

 FFEEFF

 00001C

 463960

 000000

 5E5078

 786892

 9281AD

 AC9BC8

 C8B6E4

 E4D2FF

 190F31

 190F31

■ 160A31

■ 1C1431

■ 120531

■ 201931

■ 0F0031

■ 231E31

■ 0E0031

■ 272331

■ 2A2831

■ 2E2C31

■ 313131

■ 353631

■ 383B31

Harmonies

Analogous

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



001637



190F31



2C0524

Triad

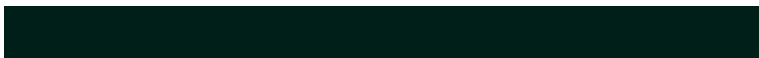
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190F31



270F00



001F18

Complementary

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



190F31



27310F

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.



001E00



190F31



191600

Square

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



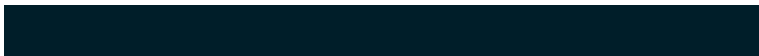
190F31



310600



001B00



001E29

Rectangle

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



190F31



310219



001B00



001F12

Sweetspot

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



190F31



363240



0F2731



1B1921



A1A1A1



212121

Same Dimension

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



190F31



1A0B40



2A0F31



18171A



1A0059



4000D9

Inverse Universe

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



310F27



400B30



16310F



1A1719



59003F



D90099

Previews

White Background



This preview shows how the Hex color 190F31 looks on a white background.

Color Contrast Check

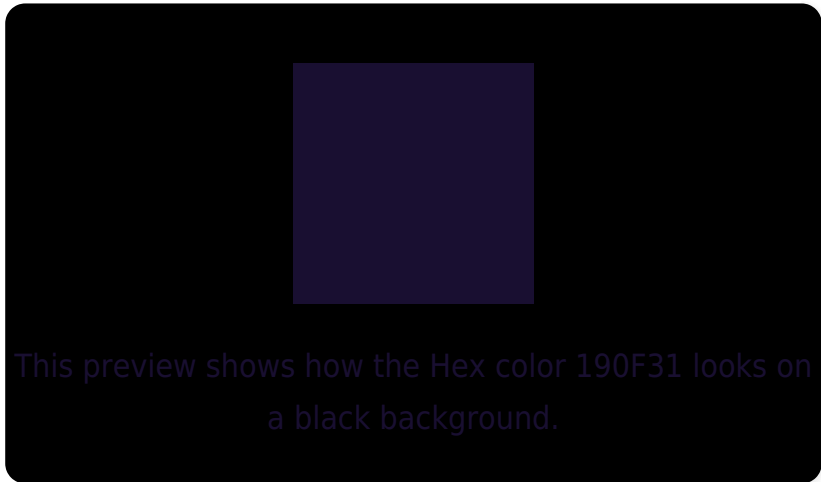
Large Text (above 18pt) WCAG AA ✓ Pass

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

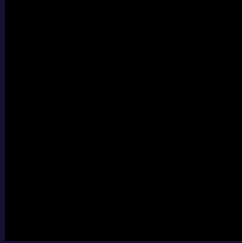
Any Text WCAG AA × Fail

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 190F31 Background



This preview shows how black text looks on a background with the Hex color 190F31.



This preview shows how white text looks on a background with the Hex color 190F31.

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
190F31

Protanopia
00152D

Deuteranopia
001727



Tritanopia
121719

Trichromacy



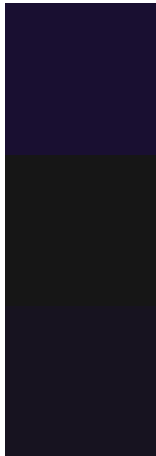
Original Color
190F31

Protanomaly
09132E

Deuteranomaly
09142B

Tritanomaly
151422

Monochromacy



Original Color
190F31

Achromatopsia
161616

Achromatomaly
171320

CSS Examples

Text

The CSS property to change the color of the text to Hex 190F31 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 #190F31 looks like.

```
.text, #text, p{  
    color:#190F31  
}
```

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 #190F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #190F31
}
```

Border

The CSS property to change the border of an element to Hex 190F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

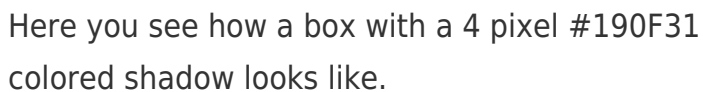
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#190F31 }
```

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

```
.border{ border-color:#190F31 }
```

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



Here you see how a box with a 4 pixel #190F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #190F31; -webkit-box-shadow:4px 4px  
4px 4px #190F31; box-shadow:4px 4px 4px  
4px #190F31 }
```

Background

The CSS property to change the background color of an element to Hex 190F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#190F31 }
```

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

```
.background{ background-color:#190F31 }
```

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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