

Converting Colors

Hex(211C31)

Have a look what the booklet for
Hex(211C31) contains.

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Color

Hex(211C31)

Conversions

Conversions Part 1

Format	Color
Hex	211C31
RGB	33, 28, 49
RGB Percent	13%, 11%, 19%
CMY	0.8706, 0.8902, 0.8078
CMYK	0.33, 0.43, 0.00, 0.81
HSL	254°, 27%, 15%
HSV	254°, 43%, 19%
XYZ	1.5968, 1.3756, 3.0871
YIQ	31.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

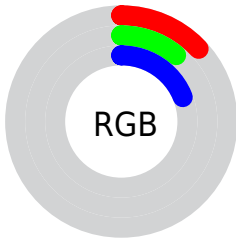
Format	Color
RYB	33, 28, 49
Decimal	2169905
CIELab	11.79, 8.26, -13.06
CIElCh	12, 15.455, 302.292
Yxy	1.3756, 0.2635, 0.2270
Android (android.graphics.Color)	4280359985 (0xFF211C31)
YUV	31.8890, 8.4357, 0.9743
Hunter-Lab	11.7286, 3.7776, -7.3958

Details

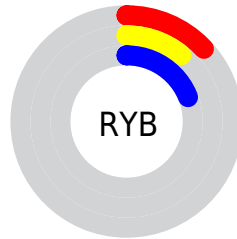
The Hex color **211C31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C311C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4E475F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D1731**, and if you desaturate by 10%, it is **252131**.

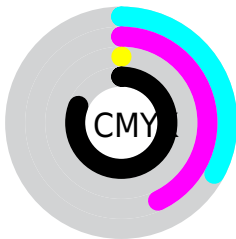
Distribution



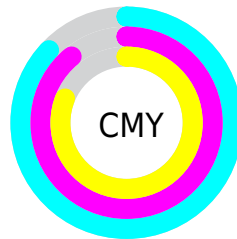
- Red (13%)
- Green (11%)
- Blue (19%)



- Red (13%)
- Yellow (11%)
- Blue (19%)



- Cyan (33%)
- Magenta (43%)
- Yellow (0%)
- Black (81%)



- Cyan (87%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211C31 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 211C31 by changing the saturation by 10% instead.

■ 211C31

■ 211C31

FFFFFF

■ 0D011C

■ 4E475F

■ 000000

■ 665F78

■ 7F7892

■ 9991AC

■ B4ACC8

■ D0C7E4

■ ECE3FF

■ 211C31

■ 211C31

■ 1D1731

■ 252131

■ 1A1231

■ 282631

■ 160D31

■ 2C2B31

■ 120831

■ 303031

■ 0E0331

■ 343531

■ 0C0031

■ 373931

■ 3B3E31

■ 3F4331

■ 434831

Harmonies

Analogous

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



0F2034



211C31



2D1829

Triad

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



211C31



2E1B0A



002520

Complementary

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



211C31



2C311C

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.



0C2415



211C31



251F05

Square

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



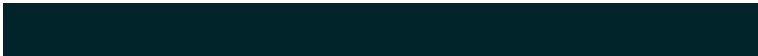
211C31



321814



1A220A



00242A

Rectangle

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



211C31



311722



1A220A



01241C

Sweetspot

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



211C31



393740



1C2C31



1D1C21



A1A1A1



212121

Same Dimension

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



211C31



271F40



2B1C31



18171A



150059



3400D9

Inverse Universe

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



311C2C



401F38



22311C



1A1719



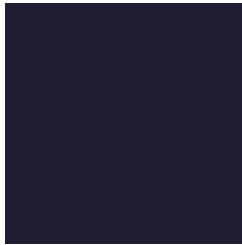
590044



D900A5

Previews

White Background



This preview shows how the Hex color 211C31 looks on a white background.

Color Contrast Check

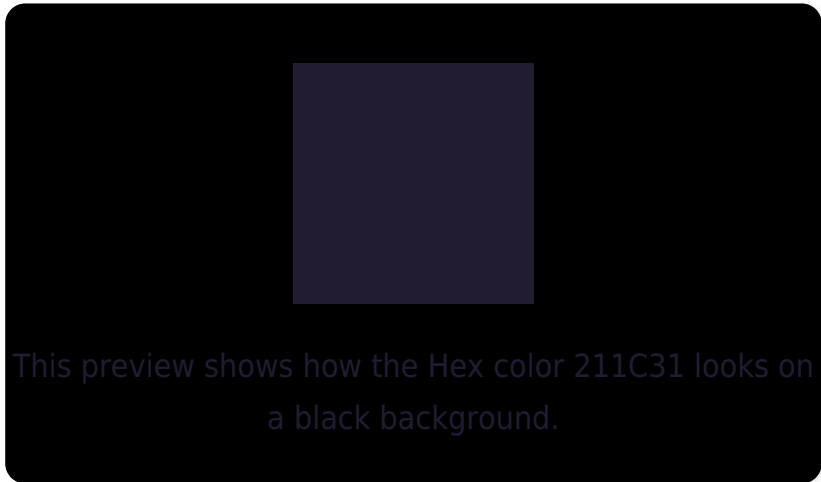
Large Text (above 18pt) WCAG AA ✓ Pass

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

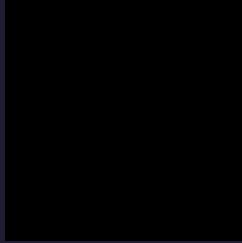
Any Text WCAG AA × Fail

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 211C31 Background



This preview shows how black text looks on a background with the Hex color 211C31.



This preview shows how white text looks on a background with the Hex color 211C31.

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
211C31

Protanopia
171F33

Deuteranopia
161F30



Tritanopia
1E1F22

Trichromacy



Original Color
211C31

Protanomaly
1B1E32

Deuteranomaly
1A1E30

Tritanomaly
1F1E27

Monochromacy



Original Color
211C31

Achromatopsia
202020

Achromatomaly
201F26

CSS Examples

Text

The CSS property to change the color of the text to Hex 211C31 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 #211C31 looks like.

```
.text, #text, p{  
    color:#211C31  
}
```

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 #211C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211C31
}
```

Border

The CSS property to change the border of an element to Hex 211C31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

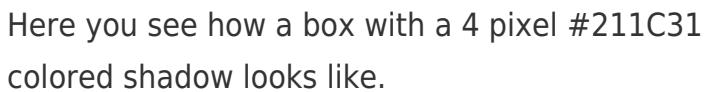
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211C31 }
```

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

```
.border{ border-color:#211C31 }
```

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



Here you see how a box with a 4 pixel #211C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211C31; -webkit-box-shadow:4px 4px  
4px 4px #211C31; box-shadow:4px 4px 4px  
4px #211C31 }
```

Background

The CSS property to change the background color of an element to Hex 211C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211C31 }
```

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

```
.background{ background-color:#211C31 }
```

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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