

Converting Colors

Hex(211F3C)

Have a look what the booklet for
Hex(211F3C) contains.

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Color

Hex(211F3C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 211F3C |
| RGB | 33, 31, 60 |
| RGB Percent | 13%, 12%, 24% |
| CMY | 0.8706, 0.8784, 0.7647 |
| CMYK | 0.45, 0.48, 0.00, 0.76 |
| HSL | 244°, 32%, 18% |
| HSV | 244°, 48%, 24% |
| XYZ | 1.9328, 1.6296, 4.4876 |
| YIQ | 34.9040, -8.1170, 9.4430 |

Conversions

Conversions Part 2

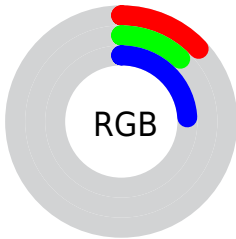
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 33, 31, 60 |
| Decimal | 2170684 |
| CIELab | 13.41, 9.71, -18.38 |
| CIELCh | 13, 20.788, 297.852 |
| Yxy | 1.6296, 0.2401, 0.2024 |
| Android (android.graphics.Color) | 4280360764 (0xFF211F3C) |
| YUV | 34.9040, 12.3723, -1.6698 |
| Hunter-Lab | 12.7654, 4.6871, -11.9074 |

Details

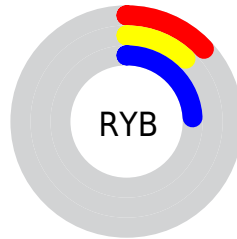
The Hex color **211F3C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A3C1F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4F4B6C**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **1B193C**, and if you desaturate by 10%, it is **27253C**.

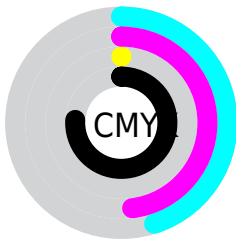
Distribution



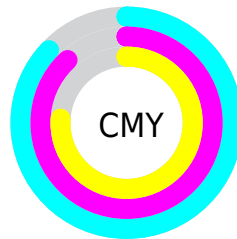
- Red (13%)
- Green (12%)
- Blue (24%)



- Red (13%)
- Yellow (12%)
- Blue (24%)



- Cyan (45%)
- Magenta (48%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211F3C 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 211F3C by changing the saturation by 10% instead.

■ 211F3C

■ 211F3C

FFFFFF

■ 0D0726

■ 4F4B6C

■ 000110

■ 676385

■ 000000

■ 817B9F

■ 9B95BA

■ B6B0D6

■ D2CBF2

■ EEE7FF

■ 211F3C

■ 211F3C

■ 1B193C

■ 27253C

■ 16133C

■ 2C2B3C

■ 100D3C

■ 32313C

■ 0B073C

■ 37373C

■ 05013C

■ 3D3D3C

■ 04003C

■ 43433C

■ 48493C

■ 4E4F3C

■ 53553C

Harmonies

Analogous

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



00243F



211F3C



331932

Triad

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



211F3C



361C06



002921

Complementary

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



211F3C



3A3C1F

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.



092812



211F3C



2C2100

Square

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



211F3C



3C1716



1E2503



00292F

Rectangle

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



211F3C



3A1629



1E2503



00291C

Sweetspot

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



211F3C



44434F



1F3A3C



222129



A8A8A8



292929

Same Dimension

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



211F3C



24214F



2F1F3C



1C1C1F



07005E



0F00DE

Inverse Universe

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



3C1F3A



4F214C



2C3C1F



1F1C1E



5E0058



DE00CF

Previews

White Background



This preview shows how the Hex color 211F3C looks on a white background.

Color Contrast Check

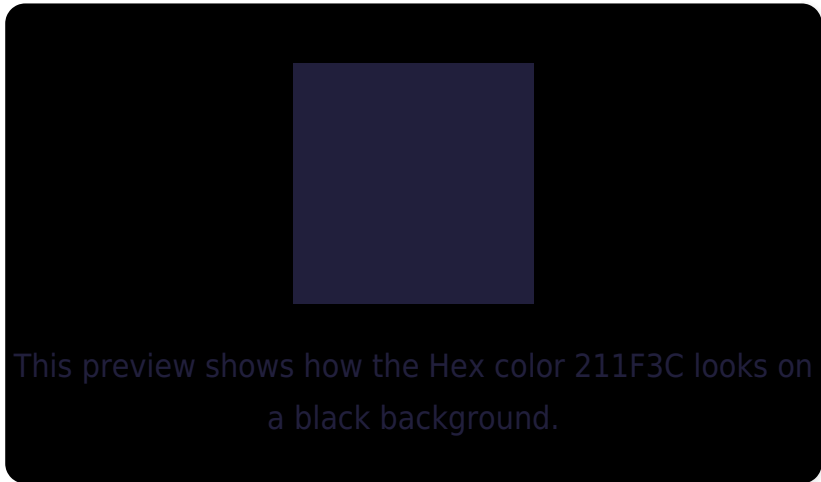
Large Text (above 18pt) WCAG AA ✓ Pass

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

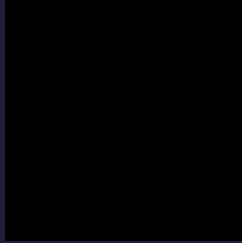
Any Text WCAG AA × Fail

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 211F3C Background



This preview shows how black text looks on a background with the Hex color 211F3C.



This preview shows how white text looks on a background with the Hex color 211F3C.

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
211F3C

Protanopia
14223F

Deuteranopia
10233B



Tritanopia
1B2427

Trichromacy



Original Color
211F3C

Protanomaly
19213E

Deuteranomaly
16223B

Tritanomaly
1D222F

Monochromacy



Original Color
211F3C

Achromatopsia
232323

Achromatomaly
22222C

CSS Examples

Text

The CSS property to change the color of the text to Hex 211F3C 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 #211F3C looks like.

```
.text, #text, p{  
    color:#211F3C  
}
```

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 #211F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211F3C
}
```

Border

The CSS property to change the border of an element to Hex 211F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

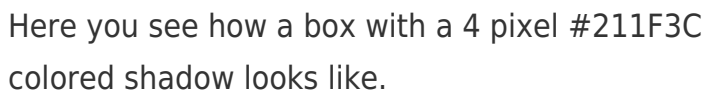
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211F3C }
```

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

```
.border{ border-color:#211F3C }
```

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



Here you see how a box with a 4 pixel #211F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211F3C; -webkit-box-shadow:4px 4px  
4px 4px #211F3C; box-shadow:4px 4px 4px  
4px #211F3C }
```

Background

The CSS property to change the background color of an element to Hex 211F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211F3C }
```

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

```
.background{ background-color:#211F3C }
```

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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