

Converting Colors

Hex(211C5D)

Have a look what the booklet for
Hex(211C5D) contains.

Hex(211C5D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(211C5D)

Conversions

Conversions Part 1

Format	Color
Hex	211C5D
RGB	33, 28, 93
RGB Percent	13%, 11%, 36%
CMY	0.8706, 0.8902, 0.6353
CMYK	0.65, 0.70, 0.00, 0.64
HSL	245°, 54%, 24%
HSV	245°, 70%, 36%
XYZ	3.0182, 1.9442, 10.5721
YIQ	36.9050, -17.8850, 21.2750

Conversions

Conversions Part 2

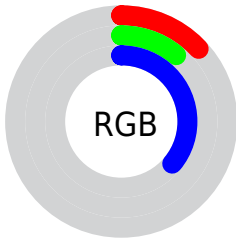
Format	Color
R_{YB}	33, 28, 93
Decimal	2169949
CIE _{Lab}	15.19, 23.89, -38.15
CIE _{LCh}	15, 45.009, 302.056
Yxy	1.9442, 0.1943, 0.1252
Android (android.graphics.Color)	4280360029 (0xFF211C5D)
YUV	36.9050, 27.6548, -3.4247
Hunter-Lab	13.9433, 14.2383, -35.1947

Details

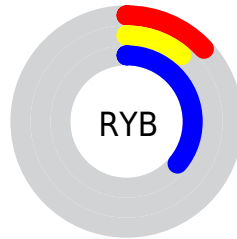
The Hex color **211C5D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585D1C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **554890**, and **00012E** is the 20% darker color. If you saturate the color by 10%, you get **18135D**, and if you desaturate by 10%, it is **2A255D**.

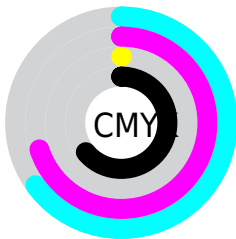
Distribution



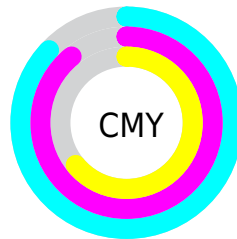
- Red (13%)
- Green (11%)
- Blue (36%)



- Red (13%)
- Yellow (11%)
- Blue (36%)



- Cyan (65%)
- Magenta (70%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211C5D 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 211C5D by changing the saturation by 10% instead.

■ 211C5D

■ 211C5D

FFFFFF

■ 020645

■ 554890

■ 00012E

■ 6F60AB

■ 000118

■ 8A79C6

■ 000000

■ A593E3

■ C1ADFF

■ DDC9FF

■ FBE5FF

■ 211C5D

■ 211C5D

■ 18135D

■ 2A255D

■ 10095D

■ 322F5D

■ 07005D

■ 3B385D

■ 43415D

■ 4C4A5D

■ 55545D

■ 5D5D5D

■ 66665D

■ 6E705D

Harmonies

Analogous

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



002A67



211C5D



4C0044

Triad

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



211C5D



471700



003328

Complementary

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



211C5D



585D1C

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.



003101



211C5D



2E2600

Square

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



211C5D



570000



0B2D00



003347

Rectangle

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



211C5D



580030



0B2D00



00321C

Sweetspot

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



211C5D



615F78



1C595D



2F2E3D



BDBDBD



3D3D3D

Same Dimension

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



211C5D



1B1378



411C5D



2A292E



08006E



1200ED

Inverse Universe

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



5D1C58



781370



385D1C



2E292E



6E0065



ED00DB

Previews

White Background



This preview shows how the Hex color 211C5D looks on a white background.

Color Contrast Check

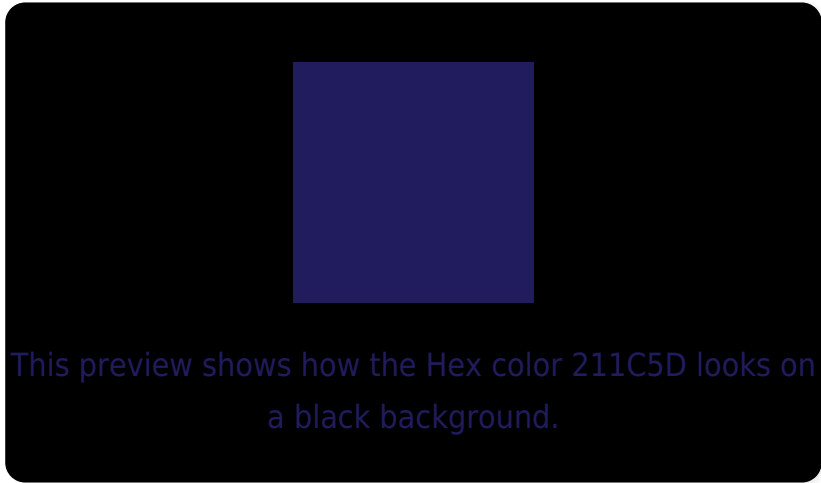
Large Text (above 18pt) WCAG AA ✓ Pass

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

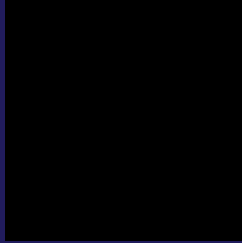
Any Text WCAG AA × Fail

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 211C5D Background



This preview shows how black text looks on a background with the Hex color 211C5D.



This preview shows how white text looks on a background with the Hex color 211C5D.

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
211C5D

Protanopia
00254F

Deuteranopia
002843



Tritanopia
002B2E

Trichromacy



Original Color
211C5D

Protanomaly
0C2254

Deuteranomaly
0C244C

Tritanomaly
0C263F

Monochromacy



Original Color
211C5D

Achromatopsia
252525

Achromatomaly
242239

CSS Examples

Text

The CSS property to change the color of the text to Hex 211C5D 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 #211C5D looks like.

```
.text, #text, p{  
    color:#211C5D  
}
```

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 #211C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211C5D
}
```

Border

The CSS property to change the border of an element to Hex 211C5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

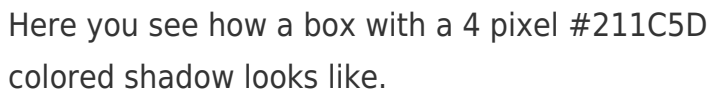
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211C5D }
```

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

```
.border{ border-color:#211C5D }
```

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



Here you see how a box with a 4 pixel #211C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211C5D; -webkit-box-shadow:4px 4px  
4px 4px #211C5D; box-shadow:4px 4px 4px  
4px #211C5D }
```

Background

The CSS property to change the background color of an element to Hex 211C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211C5D }
```

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

```
.background{ background-color:#211C5D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor