

Converting Colors

Hex(211E6B)

Have a look what the booklet for
Hex(211E6B) contains.

Hex(211E6B)	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(211E6B)

Conversions

Conversions Part 1

Format	Color
Hex	211E6B
RGB	33, 30, 107
RGB Percent	13%, 12%, 42%
CMY	0.8706, 0.8824, 0.5804
CMYK	0.69, 0.72, 0.00, 0.58
HSL	242°, 56%, 27%
HSV	242°, 72%, 42%
XYZ	3.7453, 2.3134, 14.1591
YIQ	39.6750, -22.9290, 24.5830

Conversions

Conversions Part 2

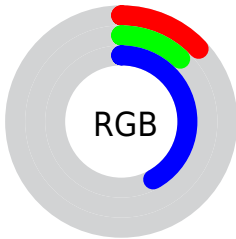
Format	Color
R_{YB}	33, 30, 107
Decimal	2170475
CIE _{Lab}	17.05, 27.68, -44.34
CIE _{LCh}	17, 52.267, 301.972
Yxy	2.3134, 0.1852, 0.1144
Android (android.graphics.Color)	4280360555 (0xFF211E6B)
YUV	39.6750, 33.1912, -5.8540
Hunter-Lab	15.2099, 17.3368, -44.5467

Details

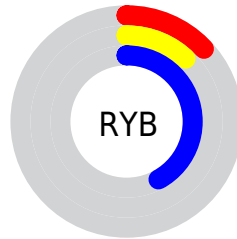
The Hex color **211E6B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **686B1E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **584B9F**, and **00003B** is the 20% darker color. If you saturate the color by 10%, you get **17136B**, and if you desaturate by 10%, it is **2B296B**.

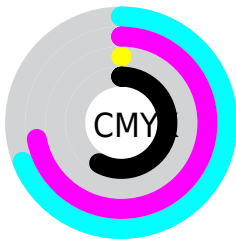
Distribution



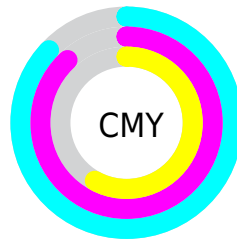
- Red (13%)
- Green (12%)
- Blue (42%)



- Red (13%)
- Yellow (12%)
- Blue (42%)



- Cyan (69%)
- Magenta (72%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (88%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211E6B 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 211E6B by changing the saturation by 10% instead.



211E6B



211E6B

FFFFFF



000A52



584B9F



00003B



7363BB



000224



8E7CD7



00000C



AA96F3



000000



C6B0FF



E3CCFF



FFE8FF



211E6B



211E6B

■ 17136B

■ 2B296B

■ 0C096B

■ 36336B

■ 04006B

■ 403E6B

■ 4A496B

■ 54546B

■ 5F5E6B

■ 69696B

■ 73746B

■ 7E7E6B

Harmonies

Analogous

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



002F77



211E6B



56004E

Triad

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



211E6B



501800



00382C

Complementary

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



211E6B



686B1E

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.



003600



211E6B



332A00

Square

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



211E6B



630000



063200



003851

Rectangle

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



211E6B



640036



063200



00381E

Sweetspot

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



211E6B



6F6D8C



1E686B



363547



C7C7C7



474747

Same Dimension

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



211E6B



18148C



471E6B



303036



050075



0A00F5

Inverse Universe

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



6B1E68



8C1488



426B1E



363035



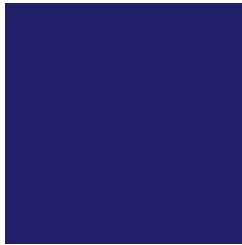
750071



F500EB

Previews

White Background



This preview shows how the Hex color 211E6B looks on a white background.

Color Contrast Check

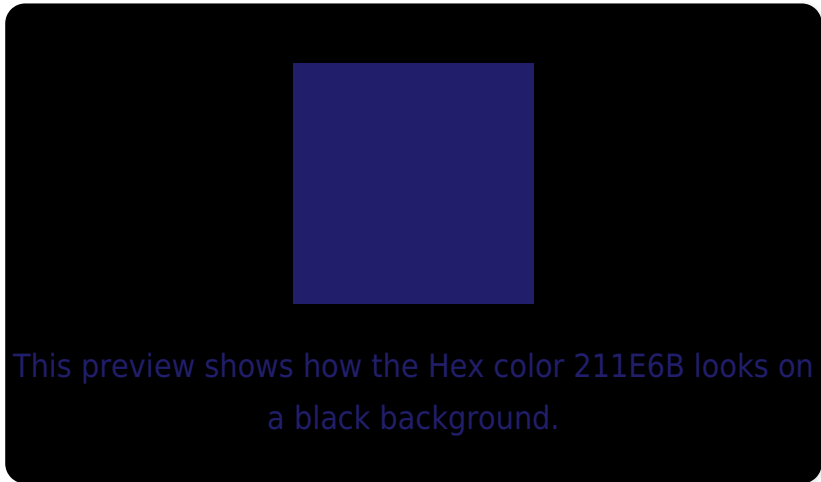
Large Text (above 18pt) WCAG AA ✓ Pass

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

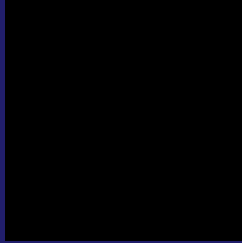
Any Text WCAG AA × Fail

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 211E6B Background



This preview shows how black text looks on a background with the Hex color 211E6B.



This preview shows how white text looks on a background with the Hex color 211E6B.

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
211E6B

Protanopia
002957

Deuteranopia
002C4A



Tritanopia
002F33

Trichromacy



Original Color
211E6B

Protanomaly
0C255E

Deuteranomaly
0C2756

Tritanomaly
0C2947

Monochromacy



Original Color
211E6B

Achromatopsia
282828

Achromatomaly
252440

CSS Examples

Text

The CSS property to change the color of the text to Hex 211E6B 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 #211E6B looks like.

```
.text, #text, p{  
    color:#211E6B  
}
```

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 #211E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211E6B
}
```

Border

The CSS property to change the border of an element to Hex 211E6B 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
#211E6B }
```

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

```
.border{ border-color:#211E6B }
```

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

Here you see how a box with a 4 pixel #211E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211E6B; -webkit-box-shadow:4px 4px  
4px 4px #211E6B; box-shadow:4px 4px 4px  
4px #211E6B }
```

Background

The CSS property to change the background color of an element to Hex 211E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211E6B }
```

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

```
.background{ background-color:#211E6B }
```

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