

Converting Colors

Hex(211245)

Have a look what the booklet for
Hex(211245) contains.

Hex(211245)	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(211245)

Conversions

Conversions Part 1

Format	Color
Hex	211245
RGB	33, 18, 69
RGB Percent	13%, 7%, 27%
CMY	0.8706, 0.9294, 0.7294
CMYK	0.52, 0.74, 0.00, 0.73
HSL	258°, 59%, 17%
HSV	258°, 74%, 27%
XYZ	1.9177, 1.1856, 5.7580
YIQ	28.2990, -7.4310, 19.0410

Conversions

Conversions Part 2

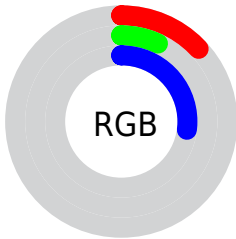
Format	Color
RYB	33, 18, 69
Decimal	2167365
CIELab	10.45, 22.11, -29.47
CIELCh	10, 36.836, 306.879
Yxy	1.1856, 0.2164, 0.1338
Android (android.graphics.Color)	4280357445 (0xFF211245)
YUV	28.2990, 20.0656, 4.1228
Hunter-Lab	10.8886, 12.3821, -23.7311




Details

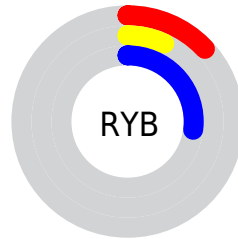
The Hex color **211245** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **364512**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **513D76**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **1C0B45**, and if you desaturate by 10%, it is **261945**.

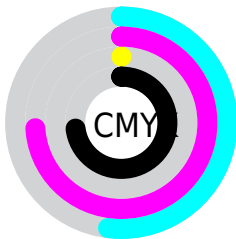
Distribution







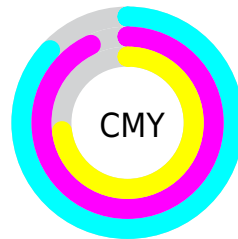
-  Red (13%)
-  Green (7%)
-  Blue (27%)






-  Red (13%)
-  Yellow (7%)
-  Blue (27%)



-  Cyan (52%)
-  Magenta (74%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (87%)
-  Magenta (93%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211245 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 211245 by changing the saturation by 10% instead.

■ 211245

■ 211245

■ FFF4FF

■ 10002F

■ 513D76

■ 000119

■ 6A5590

■ 000000

■ 846DAA

■ 9F87C6

■ BAA1E2

■ D6BCFF

■ F3D8FF

■ 211245

■ 211245

■ 1C0B45

■ 261945

■ 170445

■ 2B2045

■ 140045

■ 302745

■ 342E45

■ 393545

■ 3E3B45

■ 434245

■ 484945

■ 4D5045

Harmonies

Analogous

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



001E4F



211245



3D0031

Triad

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



211245



341300



002822

Complementary

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



211245



364512

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.



002601



211245



201D00

Square

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



211245



420200



002300



00273A

Rectangle

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



211245



450020



002300



002819

Sweetspot

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



211245



4B4659



123745



25222E



ADADAD



2E2E2E

Same Dimension

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



211245



210A59



3A1245



212024



1D0063



4300E3

Inverse Universe

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



451236



590A42



1D4512



242023



630046



E300A0

Previews

White Background



This preview shows how the Hex color 211245 looks on a white background.

Color Contrast Check

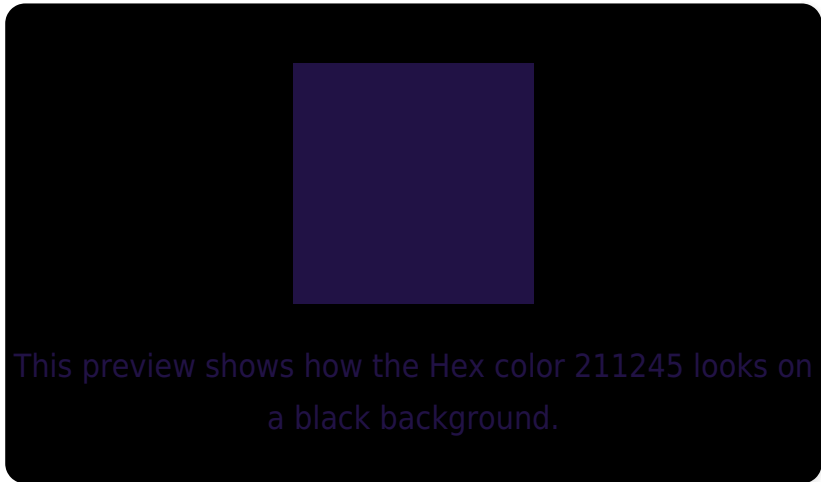
Large Text (above 18pt) WCAG AA ✓ Pass

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

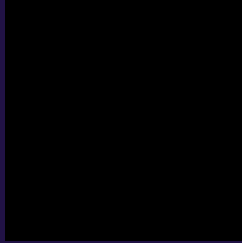
Any Text WCAG AA × Fail

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 211245 Background



This preview shows how black text looks on a background with the Hex color 211245.



This preview shows how white text looks on a background with the Hex color 211245.

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
211245

Protanopia
001C3C

Deuteranopia
001E33



Tritanopia
161F21

Trichromacy



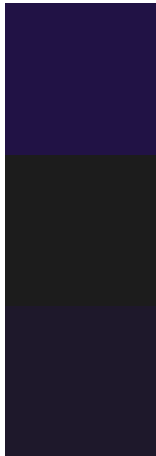
Original Color
211245

Protanomaly
0C183F

Deuteranomaly
0C1A3A

Tritanomaly
1A1A2E

Monochromacy



Original Color
211245

Achromatopsia
1C1C1C

Achromatomaly
1E182B

CSS Examples

Text

The CSS property to change the color of the text to Hex 211245 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 #211245 looks like.

```
.text, #text, p{  
    color:#211245  
}
```

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 #211245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211245
}
```

Border

The CSS property to change the border of an element to Hex 211245 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
#211245 }
```

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

```
.border{ border-color:#211245 }
```

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

Here you see how a box with a 4 pixel #211245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211245; -webkit-box-shadow:4px 4px  
4px 4px #211245; box-shadow:4px 4px 4px  
4px #211245 }
```

Background

The CSS property to change the background color of an element to Hex 211245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211245 }
```

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

```
.background{ background-color:#211245 }
```

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