

Converting Colors

Hex(210E89)

Have a look what the booklet for
Hex(210E89) contains.

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Color

Hex(210E89)

Conversions

Conversions Part 1

Format	Color
Hex	210E89
RGB	33, 14, 137
RGB Percent	13%, 5%, 54%
CMY	0.8706, 0.9451, 0.4627
CMYK	0.76, 0.90, 0.00, 0.46
HSL	249°, 81%, 30%
HSV	249°, 90%, 54%
XYZ	5.2996, 2.4436, 23.8592
YIQ	33.7030, -28.1590, 42.2810

Conversions

Conversions Part 2

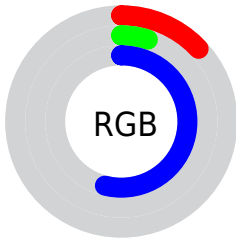
Format	Color
R_{YB}	33, 14, 137
Decimal	2166409
CIE _{Lab}	17.66, 45.92, -62.54
CIE _{LCh}	18, 77.590, 306.291
Yxy	2.4436, 0.1677, 0.0773
Android (android.graphics.Color)	4280356489 (0xFF210E89)
YUV	33.7030, 50.9254, -0.6165
Hunter-Lab	15.6319, 33.1602, -79.5533

Details

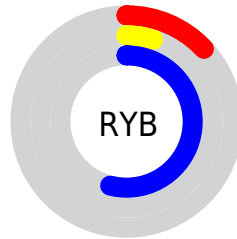
The Hex color **210E89** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **76890E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **613FC0**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **150089**, and if you desaturate by 10%, it is **2D1C89**.

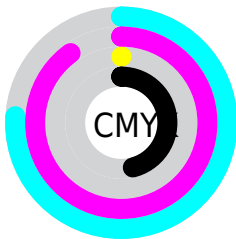
Distribution



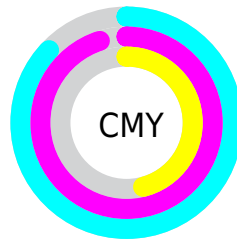
- Red (13%)
- Green (5%)
- Blue (54%)



- Red (13%)
- Yellow (5%)
- Blue (54%)



- Cyan (76%)
- Magenta (90%)
- Yellow (0%)
- Black (46%)



- Cyan (87%)
- Magenta (95%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210E89 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 210E89 by changing the saturation by 10% instead.

 210E89

 210E89

 FFFBFF

 00006F

 613FC0

 000056

 7E58DC

 00063D

 9B71F9

 000326

 B88BFF

 000110

 D5A6FF

 000000

 F3C2FF

 FFDEFF

 210E89

 210E89

■ 150089

■ 2D1C89

■ 382989

■ 443789

■ 4F4589

■ 5B5389

■ 676089

■ 726E89

■ 7E7C89

■ 898989

Harmonies

Analogous

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



0033A0



210E89



70005A

Triad

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



210E89



581100



003E36

Complementary

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



210E89



76890E

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.



003C00



210E89



2C2E00

Square

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



210E89



770000



003700



003F6E

Rectangle

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



210E89



800035



003700



003D23

Sweetspot

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



210E89



8A82B3



0E7789



413D59



D9D9D9



595959

Same Dimension

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



210E89



1C00B3



5E0E89



3F3E45



140085



010005

Inverse Universe

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



890E76



B30097



39890E



453E44



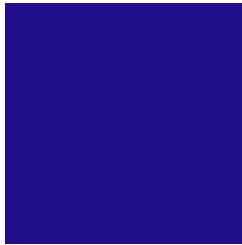
850070



050004

Previews

White Background



This preview shows how the Hex color 210E89 looks on a white background.

Color Contrast Check

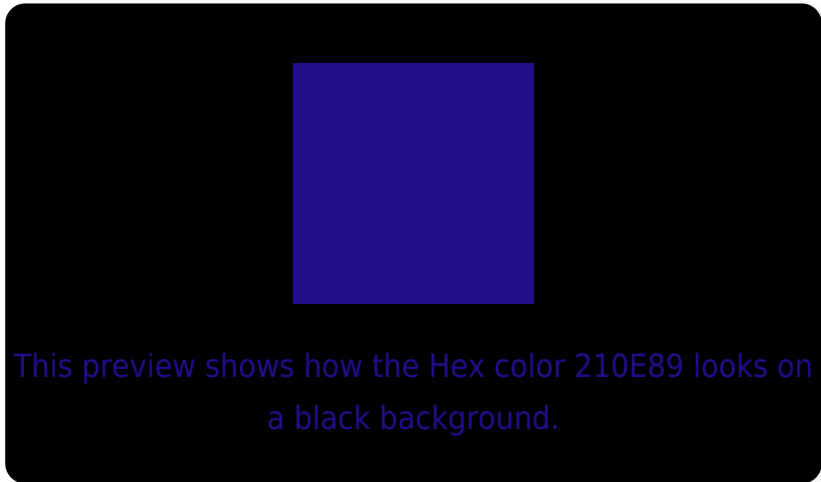
Large Text (above 18pt) WCAG AA ✓ Pass

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

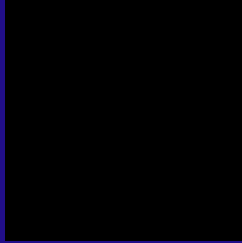
Any Text WCAG AA × Fail

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 210E89 Background



This preview shows how black text looks on a background with the Hex color 210E89.



This preview shows how white text looks on a background with the Hex color 210E89.

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
210E89

Protanopia
002B5B

Deuteranopia
002E4D

Trichromacy



Original Color
210E89

Protanomaly
0C206C

Deuteranomaly
0C2263

Tritanomaly
0C2554

Monochromacy



Original Color
210E89

Achromatopsia
222222

Achromatomaly
221B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 210E89 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 #210E89 looks like.

```
.text, #text, p{  
    color:#210E89  
}
```

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 #210E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210E89
}
```

Border

The CSS property to change the border of an element to Hex 210E89 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".

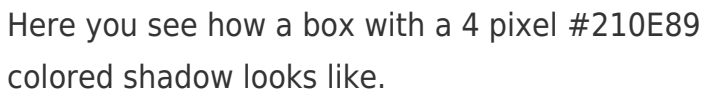
```
.border, #border, table{ border:4px solid
#210E89 }
```

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

```
.border{ border-color:#210E89 }
```

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

Here you see how a box with a 4 pixel #210E89 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210E89; -webkit-box-shadow:4px 4px  
4px 4px #210E89; box-shadow:4px 4px 4px  
4px #210E89 }
```

Background

The CSS property to change the background color of an element to Hex 210E89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210E89 }
```

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

```
.background{ background-color:#210E89 }
```

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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