

Converting Colors

Hex(210D83)

Have a look what the booklet for
Hex(210D83) contains.

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Color

Hex(210D83)

Conversions

Conversions Part 1

Format	Color
Hex	210D83
RGB	33, 13, 131
RGB Percent	13%, 5%, 51%
CMY	0.8706, 0.9490, 0.4863
CMYK	0.75, 0.90, 0.00, 0.49
HSL	250°, 82%, 28%
HSV	250°, 90%, 51%
XYZ	4.8679, 2.2499, 21.6504
YIQ	32.4320, -25.9580, 40.9380

Conversions

Conversions Part 2

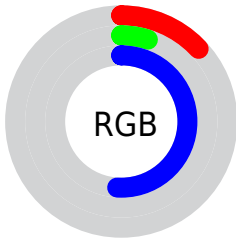
Format	Color
RYB	33, 13, 131
Decimal	2166147
CIELab	16.75, 44.53, -60.27
CIELCh	17, 74.938, 306.457
Yxy	2.2499, 0.1692, 0.0782
Android (android.graphics.Color)	4280356227 (0xFF210D83)
YUV	32.4320, 48.5940, 0.4981
Hunter-Lab	14.9996, 31.6798, -75.0796

Details

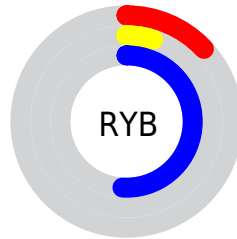
The Hex color **210D83** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6F830D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **603EB9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **160083**, and if you desaturate by 10%, it is **2C1A83**.

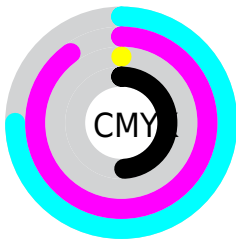
Distribution



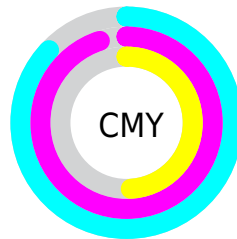
- Red (13%)
- Green (5%)
- Blue (51%)



- Red (13%)
- Yellow (5%)
- Blue (51%)



- Cyan (75%)
- Magenta (90%)
- Yellow (0%)
- Black (49%)



- Cyan (87%)
- Magenta (95%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210D83 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 210D83 by changing the saturation by 10% instead.

 210D83

 210D83

 FFF9FF

 000069

 603EB9

 000050

 7C56D5

 000538

 9970F2

 000222

 B68AFF

 000007

 D3A4FF

 000000

 F1C0FF

 FFDCFF

 210D83

 210D83

■ 160083

■ 2C1A83

■ 372783

■ 423483

■ 4D4183

■ 574E83

■ 625C83

■ 6D6983

■ 787683

■ 838383

Harmonies

Analogous

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



003199



210D83



6C0056

Triad

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



210D83



541000



003B34

Complementary

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



210D83



6F830D

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.



003900



210D83



2A2C00

Square

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



210D83



720000



003500



003C6A

Rectangle

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



210D83



7B0032



003500



003A21

Sweetspot

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



210D83



857DAB



0D6F83



403B57



D6D6D6



575757

Same Dimension

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



210D83



1D00AB



5C0D83



3D3C42



160082



000003

Inverse Universe

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



830D6F



AB008E



34830D



423C41



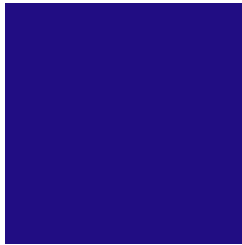
82006C



030002

Previews

White Background



This preview shows how the Hex color 210D83 looks on a white background.

Color Contrast Check

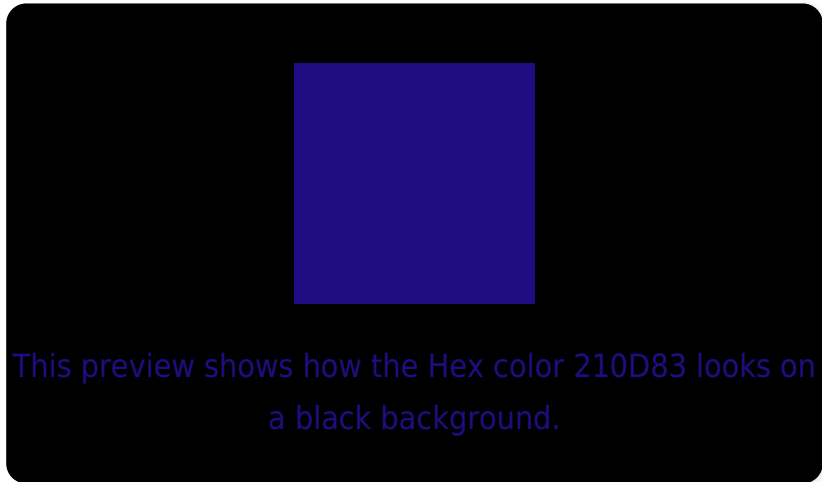
Large Text (above 18pt) WCAG AA ✓ Pass

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

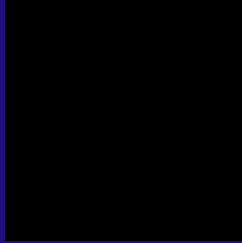
Any Text WCAG AA × Fail

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 210D83 Background



This preview shows how black text looks on a background with the Hex color 210D83.



This preview shows how white text looks on a background with the Hex color 210D83.

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
210D83

Protanopia
002A58

Deuteranopia
002D4A

Trichromacy



Original Color
210D83

Protanomaly
0C1F68

Deuteranomaly
0C215F

Tritanomaly
0C2350

Monochromacy



Original Color
210D83

Achromatopsia
202020

Achromatomaly
201944

CSS Examples

Text

The CSS property to change the color of the text to Hex 210D83 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 #210D83 looks like.

```
.text, #text, p{  
    color:#210D83  
}
```

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 #210D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210D83
}
```

Border

The CSS property to change the border of an element to Hex 210D83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

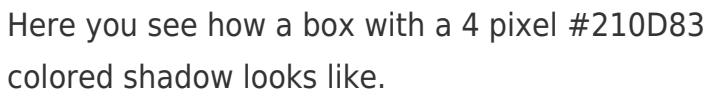
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210D83 }
```

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

```
.border{ border-color:#210D83 }
```

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



Here you see how a box with a 4 pixel #210D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210D83; -webkit-box-shadow:4px 4px  
4px 4px #210D83; box-shadow:4px 4px 4px  
4px #210D83 }
```

Background

The CSS property to change the background color of an element to Hex 210D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210D83 }
```

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

```
.background{ background-color:#210D83 }
```

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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