

Converting Colors

Hex(210589)

Have a look what the booklet for
Hex(210589) contains.

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Color

Hex(210589)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 210589 |
| RGB | 33, 5, 137 |
| RGB Percent | 13%, 2%, 54% |
| CMY | 0.8706, 0.9804, 0.4627 |
| CMYK | 0.76, 0.96, 0.00, 0.46 |
| HSL | 253°, 93%, 28% |
| HSV | 253°, 96%, 54% |
| XYZ | 5.1968, 2.2380, 23.8250 |
| YIQ | 28.4200, -25.6840, 46.9880 |

Conversions

Conversions Part 2

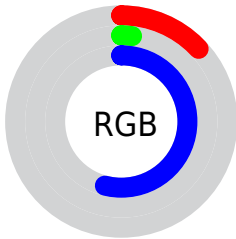
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 33, 5, 137 |
| Decimal | 2164105 |
| CIE _{Lab} | 16.69, 48.87, -64.16 |
| CIE _{LCh} | 17, 80.650, 307.297 |
| Yxy | 2.2380, 0.1662, 0.0716 |
| Android (android.graphics.Color) | 4280354185 (0xFF210589) |
| YUV | 28.4200, 53.5299, 4.0167 |
| Hunter-Lab | 14.9600, 35.8276, -83.9520 |

Details

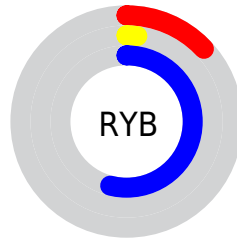
The Hex color **210589** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6D8905**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **623AC0**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **1D0089**, and if you desaturate by 10%, it is **2C1389**.

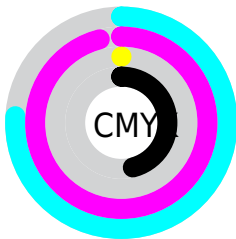
Distribution



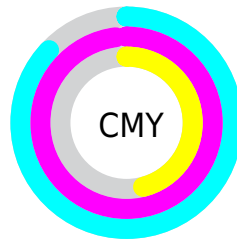
- Red (13%)
- Green (2%)
- Blue (54%)



- Red (13%)
- Yellow (2%)
- Blue (54%)



- Cyan (76%)
- Magenta (96%)
- Yellow (0%)
- Black (46%)



- Cyan (87%)
- Magenta (98%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210589 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 210589 by changing the saturation by 10% instead.

 210589

 210589

 FFF5FF

 00006F

 623AC0

 000056

 7F53DC

 00063D

 9C6CF9

 000326

 B986FF

 00010F

 D6A1FF

 000000

 F4BDFF

 FFD9FF

 210589

 210589

■ 1D0089

■ 2C1389

■ 372089

■ 412E89

■ 4C3C89

■ 574A89

■ 625789

■ 6D6589

■ 777389

■ 828089

Harmonies

Analogous

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



0031A2



210589



710057

Triad

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



210589



550E00



003B37

Complementary

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



210589



6D8905

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.



003A00



210589



272C00

Square

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



210589



750000



003600



003D70

Rectangle

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



210589



810032



003600



003A22

Sweetspot

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



210589



8A7FB3



056F89



413A59



D9D9D9



595959

Same Dimension

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



210589



2600B3



610589



3F3E45



1C0085



010005

Inverse Universe

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



89056D



B3008D



2D8905



453E43



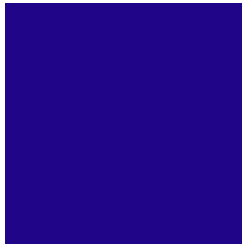
850068



050004

Previews

White Background



This preview shows how the Hex color 210589 looks on a white background.

Color Contrast Check

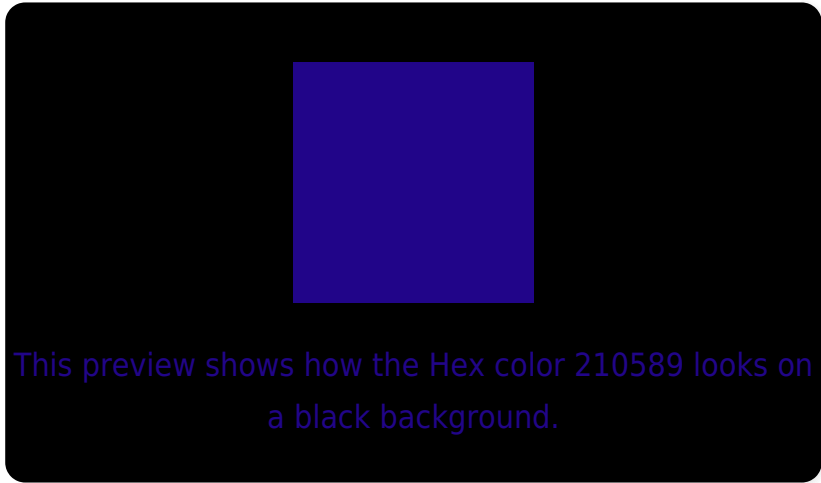
Large Text (above 18pt) WCAG AA ✓ Pass

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

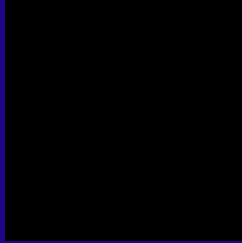
Any Text WCAG AA × Fail

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 210589 Background



This preview shows how black text looks on a background with the Hex color 210589.



This preview shows how white text looks on a background with the Hex color 210589.

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
210589

Protanopia
002A59

Deuteranopia
002D4C

Trichromacy



Original Color
210589

Protanomaly
0C1D6A

Deuteranomaly
0C1E62

Tritanomaly
0C2152

Monochromacy



Original Color
210589

Achromatopsia
1C1C1C

Achromatomaly
1E1444

CSS Examples

Text

The CSS property to change the color of the text to Hex 210589 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 #210589 looks like.

```
.text, #text, p{  
    color:#210589  
}
```

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 #210589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210589
}
```

Border

The CSS property to change the border of an element to Hex 210589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

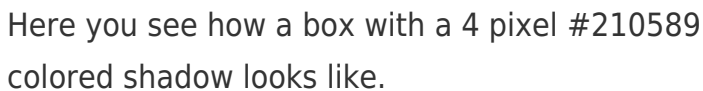
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210589 }
```

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

```
.border{ border-color:#210589 }
```

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



Here you see how a box with a 4 pixel #210589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210589; -webkit-box-shadow:4px 4px  
4px 4px #210589; box-shadow:4px 4px 4px  
4px #210589 }
```

Background

The CSS property to change the background color of an element to Hex 210589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210589 }
```

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

```
.background{ background-color:#210589 }
```

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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