

Converting Colors

Hex(210134)

Have a look what the booklet for
Hex(210134) contains.

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Color

Hex(210134)

Conversions

Conversions Part 1

Format	Color
Hex	210134
RGB	33, 1, 52
RGB Percent	13%, 0%, 20%
CMY	0.8706, 0.9961, 0.7961
CMYK	0.37, 0.98, 0.00, 0.80
HSL	278°, 96%, 10%
HSV	278°, 98%, 20%
XYZ	1.2579, 0.5930, 3.2970
YIQ	16.3820, 2.7010, 22.6450

Conversions

Conversions Part 2

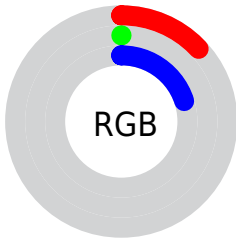
Format	Color
RYB	33, 1, 52
Decimal	2162996
CIELab	5.36, 26.22, -25.52
CIELCh	5, 36.584, 315.775
Yxy	0.5930, 0.2444, 0.1152
Android (android.graphics.Color)	4280353076 (0xFF210134)
YUV	16.3820, 17.5597, 14.5740
Hunter-Lab	7.7005, 15.6824, -19.9947

Details

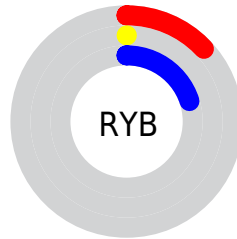
The Hex color **210134** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **143401**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **502E63**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **210034**, and if you desaturate by 10%, it is **230634**.

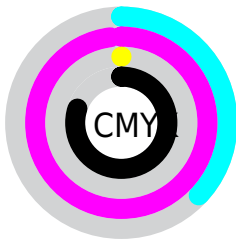
Distribution



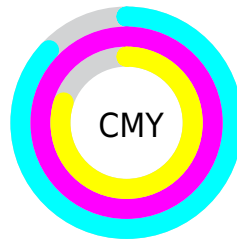
- Red (13%)
- Green (0%)
- Blue (20%)



- Red (13%)
- Yellow (0%)
- Blue (20%)



- Cyan (37%)
- Magenta (98%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210134 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 210134 by changing the saturation by 10% instead.

 210134

 210134

 FFE2FF

 00001E

 502E63

 000001

 68457C

 000000

 825D96

 9D76B1

 B890CD

 D4ABE9

 F1C6FF

 210134

 210134

■ 210034

■ 230634

■ 250B34

■ 271134

■ 291634

■ 2B1B34

■ 2D2034

■ 2F2534

■ 302B34

■ 323034

Harmonies

Analogous

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



001141



210134



35001F

Triad

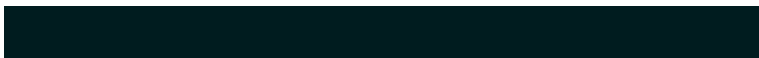
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210134



220C00



001C1F

Complementary

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



210134



143401

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.



001B00



210134



041600

Square

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



210134



310000



001B00



001D34

Rectangle

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



210134



39000C



001B00



001C17

Sweetspot

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



210134



3D3145



011534



1F1724



A3A3A3



242424

Same Dimension

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



210134



2B0045



34012E



19171A



380059



8800D9

Inverse Universe

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



340114



45001A



013407



1A1718



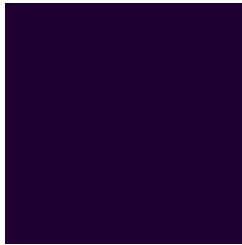
590021



D90051

Previews

White Background



This preview shows how the Hex color 210134 looks on a white background.

Color Contrast Check

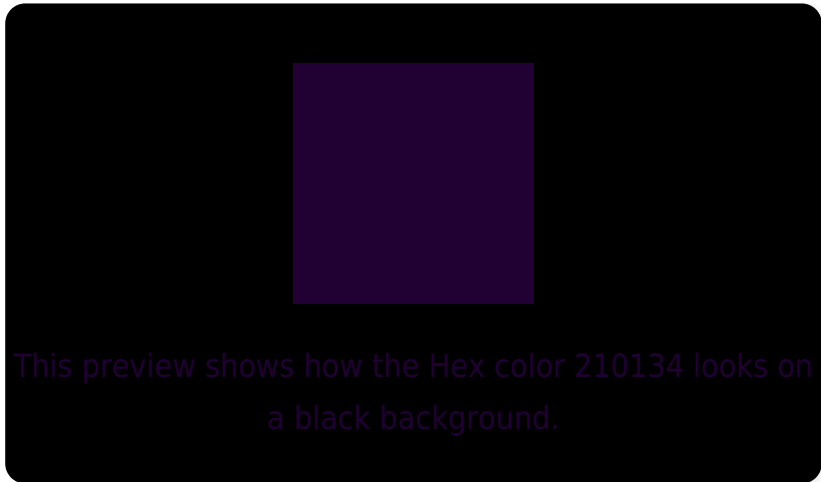
Large Text (above 18pt) WCAG AA ✓ Pass

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

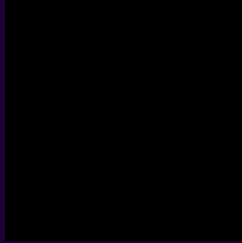
Any Text WCAG AA × Fail

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 210134 Background



This preview shows how black text looks on a background with the Hex color 210134.



This preview shows how white text looks on a background with the Hex color 210134.

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
210134

Protanopia
00152D

Deuteranopia
001727



Tritanopia
1B1416

Trichromacy



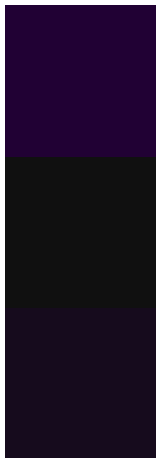
Original Color
210134

Protanomaly
0C0E30

Deuteranomaly
0C0F2C

Tritanomaly
1D0D21

Monochromacy



Original Color
210134

Achromatopsia
101010

Achromatomaly
160B1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 210134 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 #210134 looks like.

```
.text, #text, p{  
    color:#210134  
}
```

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 #210134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210134
}
```

Border

The CSS property to change the border of an element to Hex 210134 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
#210134 }
```

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

```
.border{ border-color:#210134 }
```

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

Here you see how a box with a 4 pixel #210134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210134; -webkit-box-shadow:4px 4px  
4px 4px #210134; box-shadow:4px 4px 4px  
4px #210134 }
```

Background

The CSS property to change the background color of an element to Hex 210134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210134 }
```

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

```
.background{ background-color:#210134 }
```

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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