

Converting Colors

Hex(210734)

Have a look what the booklet for
Hex(210734) contains.

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Color

Hex(210734)

Conversions

Conversions Part 1

Format	Color
Hex	210734
RGB	33, 7, 52
RGB Percent	13%, 3%, 20%
CMY	0.8706, 0.9725, 0.7961
CMYK	0.37, 0.87, 0.00, 0.80
HSL	275°, 76%, 12%
HSV	275°, 87%, 20%
XYZ	1.3230, 0.7232, 3.3187
YIQ	19.9040, 1.0510, 19.5070

Conversions

Conversions Part 2

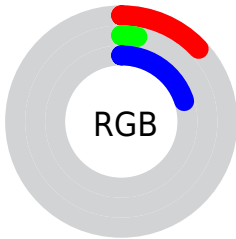
Format	Color
R_{YB}	33, 7, 52
Decimal	2164532
CIE Lab	6.53, 23.15, -23.62
CIE LCh	7, 33.077, 314.421
Yxy	0.7232, 0.2466, 0.1348
Android (android.graphics.Color)	4280354612 (0xFF210734)
YUV	19.9040, 15.8233, 11.4852
Hunter-Lab	8.5043, 12.8869, -17.1842

Details

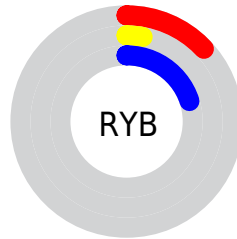
The Hex color **210734** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A3407**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **503363**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **1F0234**, and if you desaturate by 10%, it is **230C34**.

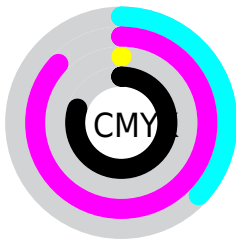
Distribution



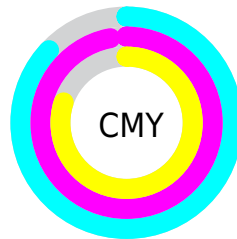
- Red (13%)
- Green (3%)
- Blue (20%)



- Red (13%)
- Yellow (3%)
- Blue (20%)



- Cyan (37%)
- Magenta (87%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210734 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 210734 by changing the saturation by 10% instead.

■ 210734

■ 210734

■ FFE8FF

■ 01001F

■ 503363

■ 000001

■ 684A7C

■ 000000

■ 826296

■ 9C7BB1

■ B895CC

■ D3B0E9

■ F0CBFF

■ 210734

■ 210734

■ 1F0234

■ 230C34

■ 1E0034

■ 251134

■ 281734

■ 2A1C34

■ 2C2134

■ 2E2634

■ 302B34

■ 333134

■ 353634

Harmonies

Analogous

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



00143F



210734



340021

Triad

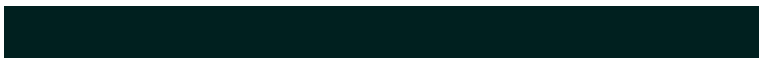
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210734



250F00



00201F

Complementary

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



210734



1A3407

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.



001F01



210734



0F1800

Square

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



210734



320200



001D00



001F33

Rectangle

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



210734



380012



001D00



001F17

Sweetspot

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



210734



3D3345



071B34



1F1924



A3A3A3



242424

Same Dimension

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



210734



280045



340731



18171A



340059



7D00D9

Inverse Universe

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



34071A



45001D



07340A



1A1718



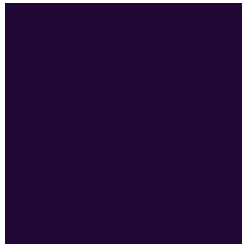
590026



D9005C

Previews

White Background



This preview shows how the Hex color 210734 looks on a white background.

Color Contrast Check

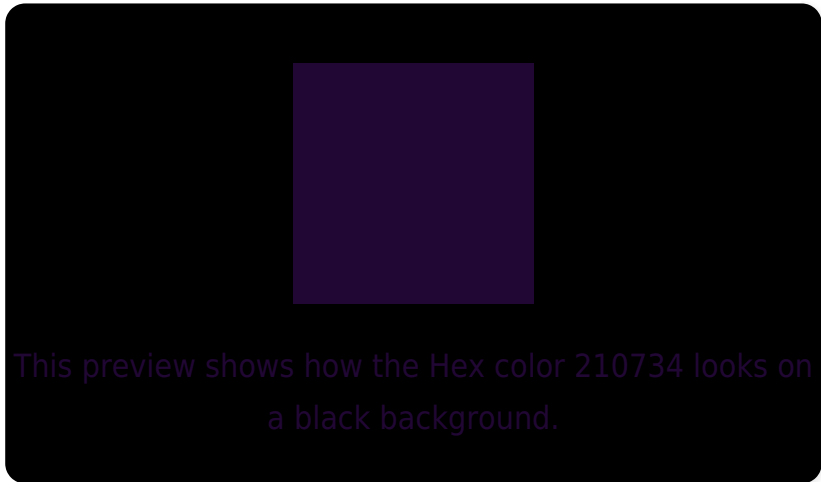
Large Text (above 18pt) WCAG AA ✓ Pass

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

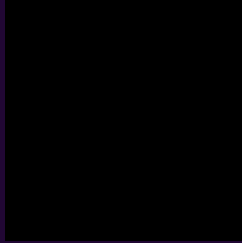
Any Text WCAG AA × Fail

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 210734 Background



This preview shows how black text looks on a background with the Hex color 210734.



This preview shows how white text looks on a background with the Hex color 210734.

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
210734

Protanopia
00162E

Deuteranopia
001728



Tritanopia
1B1517

Trichromacy



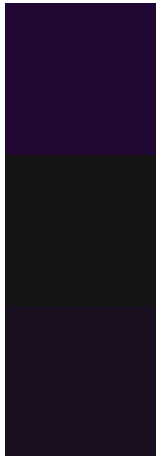
Original Color
210734

Protanomaly
0C1130

Deuteranomaly
0C112C

Tritanomaly
1D1022

Monochromacy



Original Color
210734

Achromatopsia
141414

Achromatomaly
190F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 210734 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 #210734 looks like.

```
.text, #text, p{  
    color:#210734  
}
```

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 #210734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210734
}
```

Border

The CSS property to change the border of an element to Hex 210734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

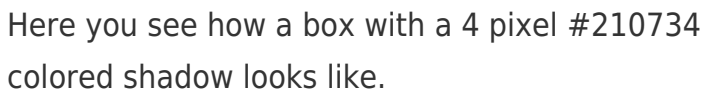
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210734 }
```

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

```
.border{ border-color:#210734 }
```

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



Here you see how a box with a 4 pixel #210734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210734; -webkit-box-shadow:4px 4px  
4px 4px #210734; box-shadow:4px 4px 4px  
4px #210734 }
```

Background

The CSS property to change the background color of an element to Hex 210734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210734 }
```

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

```
.background{ background-color:#210734 }
```

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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