

Converting Colors

Hex(210093)

Have a look what the booklet for
Hex(210093) contains.

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Color

Hex(210093)

Conversions

Conversions Part 1

Format	Color
Hex	210093
RGB	33, 0, 147
RGB Percent	13%, 0%, 58%
CMY	0.8706, 1.0000, 0.4235
CMYK	0.78, 1.00, 0.00, 0.42
HSL	253°, 100%, 29%
HSV	253°, 100%, 58%
XYZ	5.8937, 2.4299, 27.7622
YIQ	26.6250, -27.5190, 52.7130

Conversions

Conversions Part 2

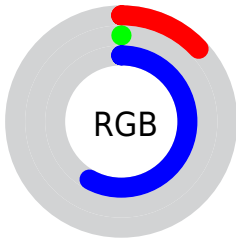
Format	Color
R_{YB}	33, 0, 147
Decimal	2162835
CIE _{Lab}	17.60, 53.08, -68.89
CIE _{LCh}	18, 86.971, 307.614
Yxy	2.4299, 0.1633, 0.0673
Android (android.graphics.Color)	4280352915 (0xFF210093)
YUV	26.6250, 59.3449, 5.5909
Hunter-Lab	15.5882, 40.2088, -94.6822

Details

The Hex color **210093** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **729300**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6438CA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **210093**, and if you desaturate by 10%, it is **2C0F93**.

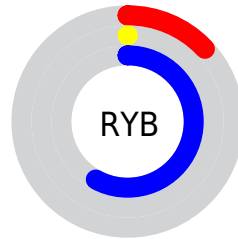
Distribution



Red (13%)

Green (0%)

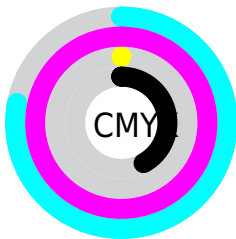
Blue (58%)



Red (13%)

Yellow (0%)

Blue (58%)

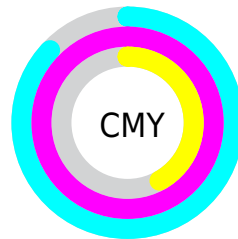


Cyan (78%)

Magenta (100%)

Yellow (0%)

Black (42%)



Cyan (87%)

Magenta (100%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210093 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 210093 by changing the saturation by 10% instead.

 210093

 210093

 FFF5FF

 000078

 6438CA

 00005F

 8251E7

 000846

 A06BFF

 00042E

 BD85FF

 000119

 DBA0FF

 000000

 F9BCFF

 FFD8FF

 210093

■ 2C0F93

■ 381D93

■ 432C93

■ 4F3B93

■ 5A4A93

■ 655893

■ 716793

■ 7C7693

■ 888493

Harmonies

Analogous

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



0034AF



210093



7A005D

Triad

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



210093



5A0D00



003E3B

Complementary

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



210093



729300

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



210093



282F00

Square

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



210093



7C0000



003800



004079

Rectangle

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



210093



8A0034



003800



003D25

Sweetspot

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



210093



9386BF



007393



463E61



E0E0E0



616161

Same Dimension

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



210093



2B00BF



690093



44434A



1F008A



02000A

Inverse Universe

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



930072



BF0094



2A9300



4A4348



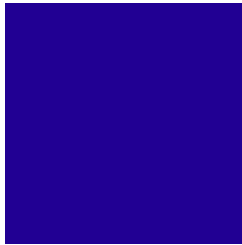
8A006B



0A0008

Previews

White Background



This preview shows how the Hex color 210093 looks on a white background.

Color Contrast Check

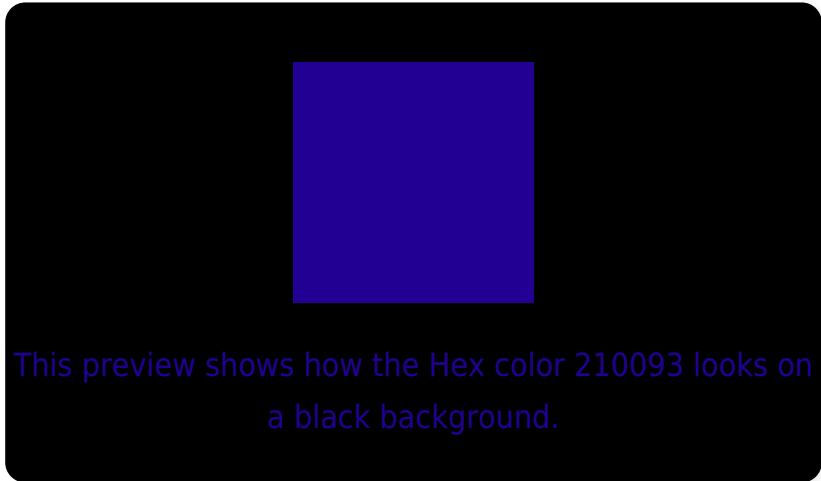
Large Text (above 18pt) WCAG AA ✓ Pass

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

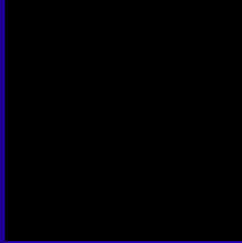
Any Text WCAG AA × Fail

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 210093 Background



This preview shows how black text looks on a background with the Hex color 210093.



This preview shows how white text looks on a background with the Hex color 210093.

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
210093

Protanopia
002D5F

Deuteranopia
003050

Trichromacy



Original Color
210093

Protanomaly
0C1D72

Deuteranomaly
0C1F68

Tritanomaly
0C2158

Monochromacy



Original Color
210093

Achromatopsia
1B1B1B

Achromatomaly
1D1147

CSS Examples

Text

The CSS property to change the color of the text to Hex 210093 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 #210093 looks like.

```
.text, #text, p{  
    color:#210093  
}
```

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 #210093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210093
}
```

Border

The CSS property to change the border of an element to Hex 210093 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
#210093 }
```

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

```
.border{ border-color:#210093 }
```

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

Here you see how a box with a 4 pixel #210093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210093; -webkit-box-shadow:4px 4px  
4px 4px #210093; box-shadow:4px 4px 4px  
4px #210093 }
```

Background

The CSS property to change the background color of an element to Hex 210093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210093 }
```

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

```
.background{ background-color:#210093 }
```

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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