

Converting Colors

Hex(201A97)

Have a look what the booklet for
Hex(201A97) contains.

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Color

Hex(201A97)

Conversions

Conversions Part 1

Format	Color
Hex	201A97
RGB	32, 26, 151
RGB Percent	13%, 10%, 59%
CMY	0.8745, 0.8980, 0.4078
CMYK	0.79, 0.83, 0.00, 0.41
HSL	243°, 71%, 35%
HSV	243°, 83%, 59%
XYZ	6.5510, 3.2802, 29.5660
YIQ	42.0440, -36.5490, 40.1470

Conversions

Conversions Part 2

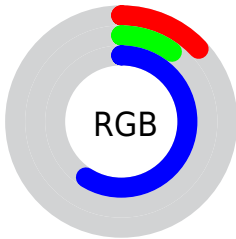
Format	Color
R_{YB}	32, 26, 151
Decimal	2103959
CIE _{Lab}	21.13, 44.95, -65.49
CIE _{LCh}	21, 79.429, 304.463
Yxy	3.2802, 0.1663, 0.0833
Android (android.graphics.Color)	4280294039 (0xFF201A97)
YUV	42.0440, 53.7153, -8.8086
Hunter-Lab	18.1114, 32.8692, -84.1102

Details

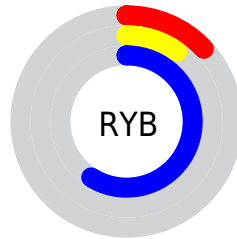
The Hex color **201A97** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **91971A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6349CF**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **120B97**, and if you desaturate by 10%, it is **2E2997**.

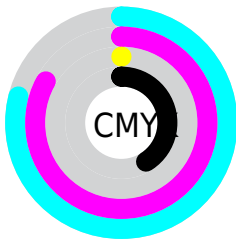
Distribution



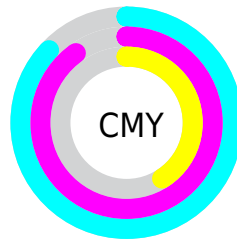
- Red (13%)
- Green (10%)
- Blue (59%)



- Red (13%)
- Yellow (10%)
- Blue (59%)



- Cyan (79%)
- Magenta (83%)
- Yellow (0%)
- Black (41%)



- Cyan (87%)
- Magenta (90%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201A97 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 201A97 by changing the saturation by 10% instead.

 201A97


 201A97

FFFFFF

 00027C

 6349CF

 000063

 8162EB

 00044A

 9E7BFF

 000432

 BB96FF

 00021C

 D9B1FF

 000000

 F7CDFF

 FFE9FF

 201A97

 201A97

■ 120B97

■ 2E2997

■ 070097

■ 3D3897

■ 4B4797

■ 5A5697

■ 686697

■ 767597

■ 858497

■ 939397

■ A1A297

Harmonies

Analogous

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



003BAD



201A97



790067

Triad

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



201A97



651500



00463B

Complementary

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



201A97



91971A

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.



004400



201A97



383400

Square

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



201A97



840000



003F00



004776

Rectangle

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



201A97



8C0041



003F00



004526

Sweetspot

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



201A97



9693C4



1A9397



474663



E3E3E3



636363

Same Dimension

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



201A97



0B02C4



5D1A97



45454D



07008C



01000D

Inverse Universe

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



971A91



C402BB



54971A



4D454C



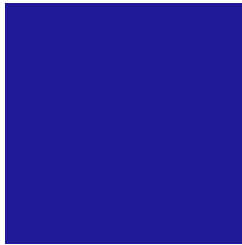
8C0086



0D000C

Previews

White Background



This preview shows how the Hex color 201A97 looks on a white background.

Color Contrast Check

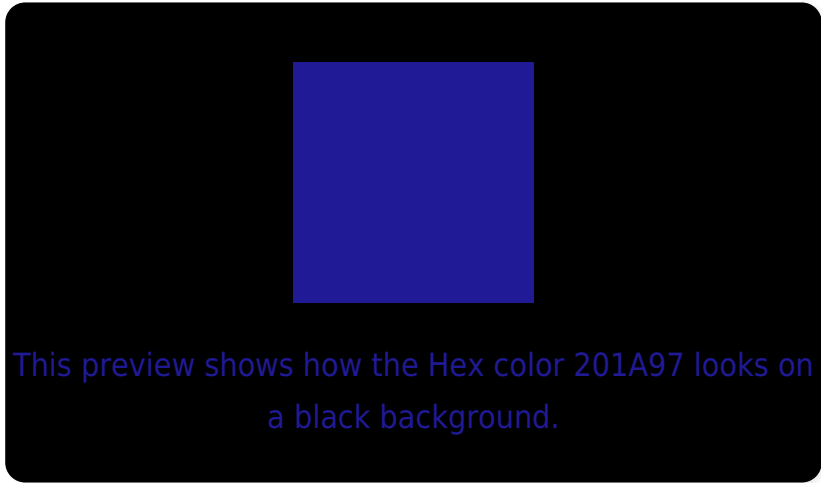
Large Text (above 18pt) WCAG AA ✓ Pass

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

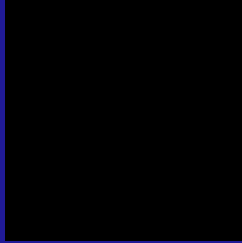
Any Text WCAG AA × Fail

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 201A97 Background



This preview shows how black text looks on a background with the Hex color 201A97.



This preview shows how white text looks on a background with the Hex color 201A97.

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
201A97

Protanopia
003269

Deuteranopia
003559

Trichromacy



Original Color
201A97

Protanomaly
0C297A

Deuteranomaly
0C2B70

Tritanomaly
0C2E5D

Monochromacy



Original Color
201A97

Achromatopsia
2A2A2A

Achromatomaly
262452

CSS Examples

Text

The CSS property to change the color of the text to Hex 201A97 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 #201A97 looks like.

```
.text, #text, p{  
    color:#201A97  
}
```

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 #201A97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201A97
}
```

Border

The CSS property to change the border of an element to Hex 201A97 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
#201A97 }
```

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

```
.border{ border-color:#201A97 }
```

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

Here you see how a box with a 4 pixel #201A97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201A97; -webkit-box-shadow:4px 4px  
4px 4px #201A97; box-shadow:4px 4px 4px  
4px #201A97 }
```

Background

The CSS property to change the background color of an element to Hex 201A97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201A97 }
```

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

```
.background{ background-color:#201A97 }
```

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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