

Converting Colors

Hex(271A90)

Have a look what the booklet for
Hex(271A90) contains.

Hex(271A90)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(271A90)

Conversions

Conversions Part 1

Format	Color
Hex	271A90
RGB	39, 26, 144
RGB Percent	15%, 10%, 56%
CMY	0.8471, 0.8980, 0.4353
CMYK	0.73, 0.82, 0.00, 0.44
HSL	247°, 69%, 33%
HSV	247°, 82%, 56%
XYZ	6.2401, 3.1837, 26.6712
YIQ	43.3390, -30.1300, 39.4540

Conversions

Conversions Part 2

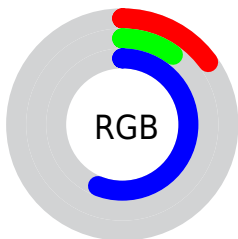
Format	Color
R_{YB}	39, 26, 144
Decimal	2562704
CIE _{Lab}	20.77, 43.24, -61.75
CIE _{LCh}	21, 75.382, 304.999
Yxy	3.1837, 0.1729, 0.0882
Android (android.graphics.Color)	4280752784 (0xFF271A90)
YUV	43.3390, 49.6259, -3.8053
Hunter-Lab	17.8430, 31.2004, -76.1346

Details

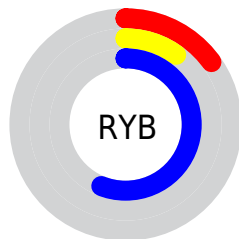
The Hex color **271A90** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **83901A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6649C7**, and **00005C** is the 20% darker color. If you saturate the color by 10%, you get **1A0C90**, and if you desaturate by 10%, it is **342890**.

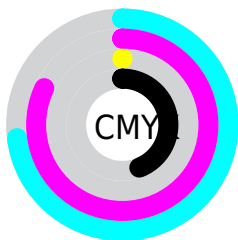
Distribution



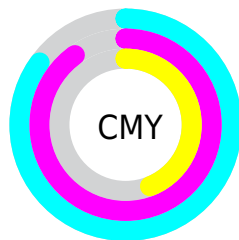
- Red (15%)
- Green (10%)
- Blue (56%)



- Red (15%)
- Yellow (10%)
- Blue (56%)



- Cyan (73%)
- Magenta (82%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (90%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271A90 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 271A90 by changing the saturation by 10% instead.

■ 271A90

■ 271A90

FFFFFF

■ 000276

■ 6649C7

■ 00005C

■ 8362E4

■ 000544

■ 9F7BFF

■ 00032C

■ BC96FF

■ 000117

■ DAB1FF

■ 000000

■ F8CCFF

■ FFE9FF

■ 271A90

■ 271A90

■ 1A0C90

■ 342890

■ 100090

■ 413790

■ 4D4590

■ 5A5490

■ 676290

■ 747090

■ 817F90

■ 8E8D90

■ 9A9C90

Harmonies

Analogous

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



0039A5



271A90



760062

Triad

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



271A90



621800



00443A

Complementary

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



271A90



83901A

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.



004200



271A90



363400

Square

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



271A90



800000



003E00



004572

Rectangle

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



271A90



87003E



003E00



004427

Sweetspot

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



271A90



918CBA



1A8490



45425E



DEDEDE



5E5E5E

Same Dimension

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



271A90



1804BA



611A90



414047



0F0087



010008

Inverse Universe

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



901A83



BA04A6



49901A



474047



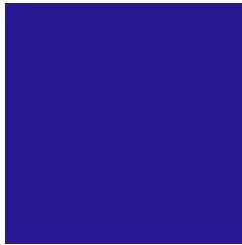
870078



080007

Previews

White Background



This preview shows how the Hex color 271A90 looks on a white background.

Color Contrast Check

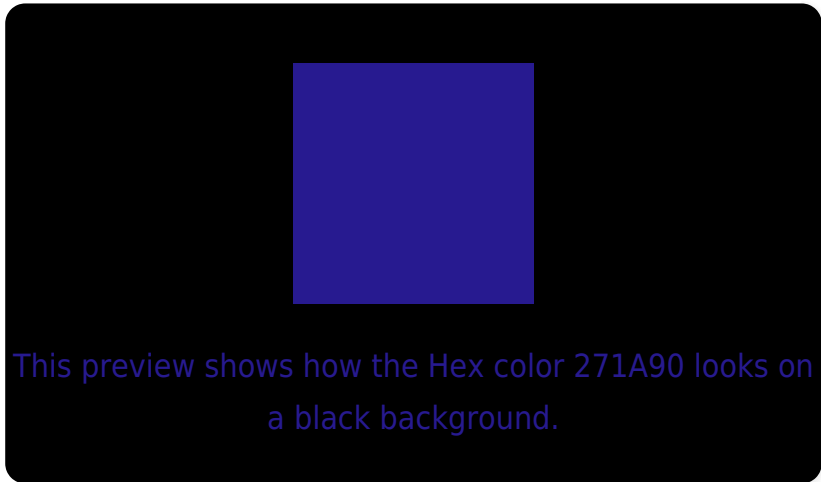
Large Text (above 18pt) WCAG AA ✓ Pass

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

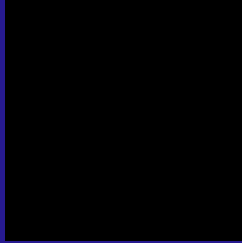
Any Text WCAG AA × Fail

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 271A90 Background



This preview shows how black text looks on a background with the Hex color 271A90.



This preview shows how white text looks on a background with the Hex color 271A90.

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
271A90

Protanopia
003167

Deuteranopia
003458



Tritanopia
00383C

Trichromacy



Original Color
271A90

Protanomaly
0E2976

Deuteranomaly
0E2B6C

Tritanomaly
0E2D5B

Monochromacy



Original Color
271A90

Achromatopsia
2B2B2B

Achromatomaly
2A2550

CSS Examples

Text

The CSS property to change the color of the text to Hex 271A90 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 #271A90 looks like.

```
.text, #text, p{  
    color:#271A90  
}
```

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 #271A90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271A90
}
```

Border

The CSS property to change the border of an element to Hex 271A90 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".

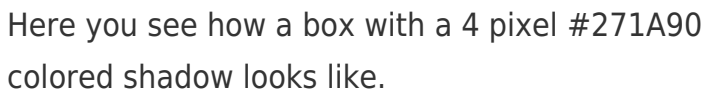
```
.border, #border, table{ border:4px solid
#271A90 }
```

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

```
.border{ border-color:#271A90 }
```

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

Here you see how a box with a 4 pixel #271A90 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271A90; -webkit-box-shadow:4px 4px  
4px 4px #271A90; box-shadow:4px 4px 4px  
4px #271A90 }
```

Background

The CSS property to change the background color of an element to Hex 271A90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271A90 }
```

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

```
.background{ background-color:#271A90 }
```

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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