

Converting Colors

Hex(281D97)

Have a look what the booklet for
Hex(281D97) contains.

Hex(281D97)	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(281D97)

Conversions

Conversions Part 1

Format	Color
Hex	281D97
RGB	40, 29, 151
RGB Percent	16%, 11%, 59%
CMY	0.8431, 0.8863, 0.4078
CMYK	0.74, 0.81, 0.00, 0.41
HSL	245°, 68%, 35%
HSV	245°, 81%, 59%
XYZ	6.9004, 3.5642, 29.6024
YIQ	46.1970, -32.6060, 40.2740

Conversions

Conversions Part 2

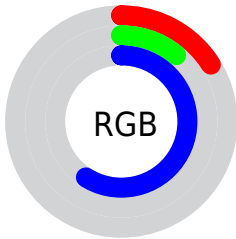
Format	Color
R_{YB}	40, 29, 151
Decimal	2629015
CIE _{Lab}	22.18, 44.04, -63.75
CIE _{LCh}	22, 77.477, 304.637
Yxy	3.5642, 0.1722, 0.0890
Android (android.graphics.Color)	4280819095 (0xFF281D97)
YUV	46.1970, 51.6679, -5.4348
Hunter-Lab	18.8791, 32.2036, -79.7512




Details

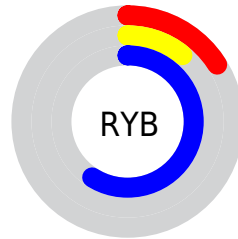
The Hex color **281D97** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8C971D**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **684CCE**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **1A0E97**, and if you desaturate by 10%, it is **362C97**.

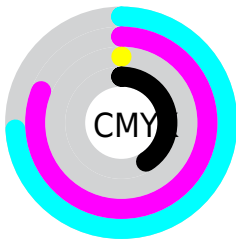
Distribution







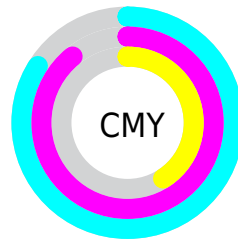
-  Red (16%)
-  Green (11%)
-  Blue (59%)






-  Red (16%)
-  Yellow (11%)
-  Blue (59%)



-  Cyan (74%)
-  Magenta (81%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (84%)
-  Magenta (89%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281D97 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 281D97 by changing the saturation by 10% instead.

■ 281D97

■ 281D97

FFFFFF

■ 00057C

■ 684CCE

■ 000063

■ 8565EB

■ 00014A

■ A27FFF

■ 000432

■ BF99FF

■ 00021C

■ DDB4FF

■ 000000

■ FBD0FF

■ FFECFF

■ 281D97

■ 281D97

■ 1A0E97

■ 362C97

■ 0E0097

■ 433B97

■ 514A97

■ 5F5997

■ 6D6897

■ 7A7897

■ 888797

■ 969697

■ A4A597

Harmonies

Analogous

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



003DAD



281D97



7B0068

Triad

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



281D97



671900



00483D

Complementary

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



281D97



8C971D

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.



004600



281D97



3A3700

Square

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



281D97



860000



004200



004977

Rectangle

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



281D97



8D0042



004200



004729

Sweetspot

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



281D97



9995C4



1D8D97



494763



E3E3E3



636363

Same Dimension

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



281D97



1706C4



641D97



46454D



0D008C



01000D

Inverse Universe

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



971D8C



C406B3



50971D



4D454C



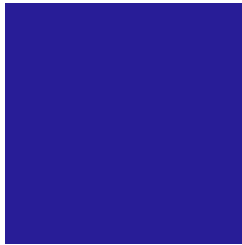
8C0080



0D000C

Previews

White Background



This preview shows how the Hex color 281D97 looks on a white background.

Color Contrast Check

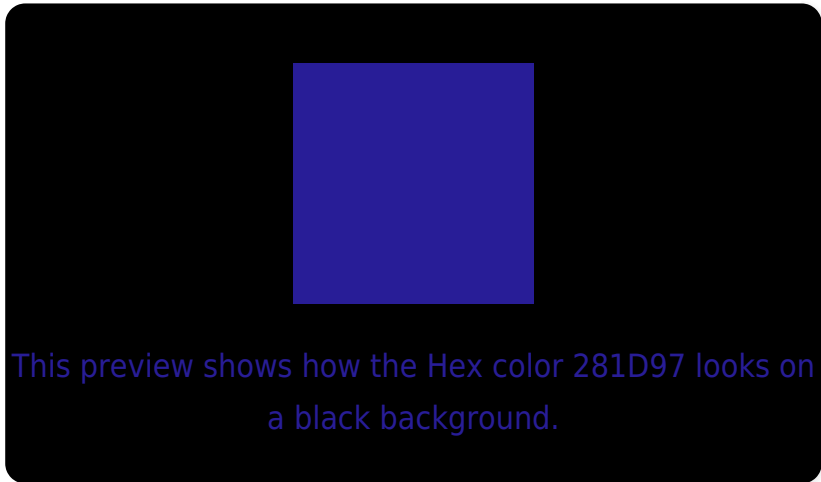
Large Text (above 18pt) WCAG AA ✓ Pass

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

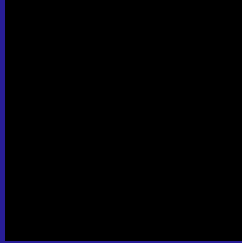
Any Text WCAG AA × Fail

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 281D97 Background



This preview shows how black text looks on a background with the Hex color 281D97.



This preview shows how white text looks on a background with the Hex color 281D97.

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
281D97

Protanopia
00346D

Deuteranopia
00375D



Tritanopia
003C3F

Trichromacy



Original Color
281D97

Protanomaly
0F2C7C

Deuteranomaly
0F2E72

Tritanomaly
0F315F

Monochromacy



Original Color
281D97

Achromatopsia
2E2E2E

Achromatomaly
2C2854

CSS Examples

Text

The CSS property to change the color of the text to Hex 281D97 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 #281D97 looks like.

```
.text, #text, p{  
    color:#281D97  
}
```

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 #281D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281D97  
}
```

Border

The CSS property to change the border of an element to Hex 281D97 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  
#281D97 }
```

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

```
.border{ border-color:#281D97 }
```

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

Here you see how a box with a 4 pixel #281D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281D97; -webkit-box-shadow:4px 4px  
4px 4px #281D97; box-shadow:4px 4px 4px  
4px #281D97 }
```

Background

The CSS property to change the background color of an element to Hex 281D97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281D97 }
```

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

```
.background{ background-color:#281D97 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor